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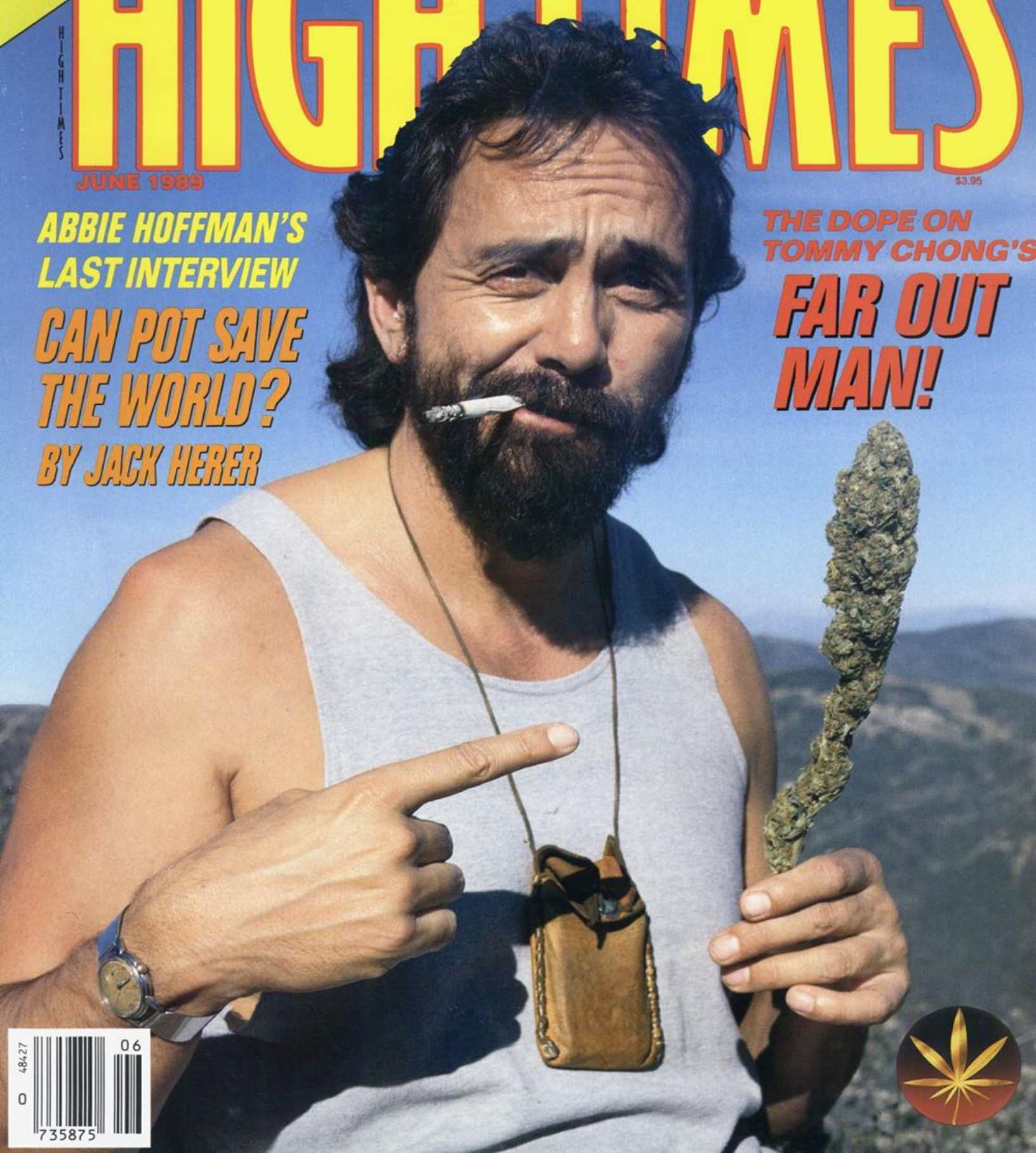
**ABBIE HOFFMAN'S
LAST INTERVIEW**

**CAN POT SAVE
THE WORLD?**

BY JACK HERER

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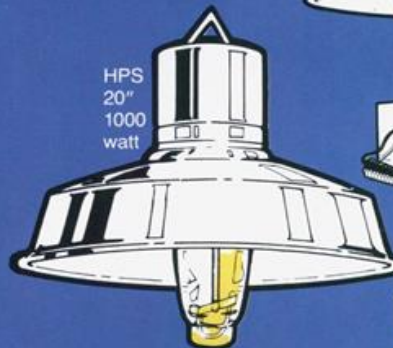
46" Super Reflective Aluminum Hood



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MH 14" 400 watt



HPS 20" 1000 watt



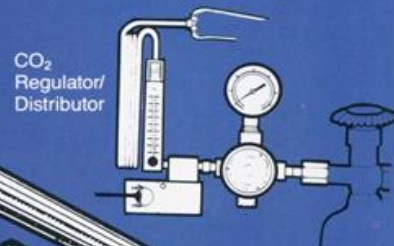
MH Deluxe Ballast



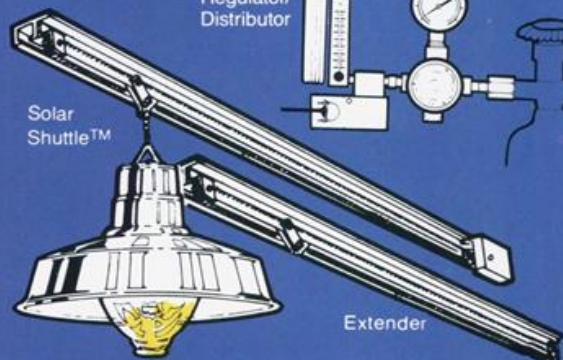
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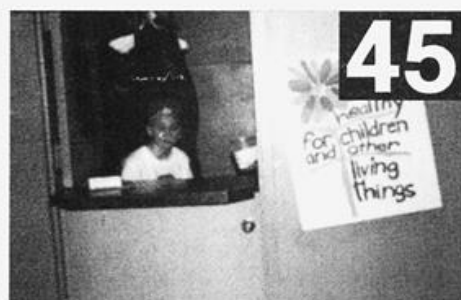
THE ULTIMATE PARTY MAGAZINE

edited by Eric Danville. 89

On the cover: Tommy Chong; photo by Eileen Polk.



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PAGE SIX

Cheech and Chong are back together again—in the pages of HIGH TIMES. Although they aren't working together anymore, we did hear about their two new movies, and apparently they're both returning to their roots—drug humor.

It's not that anyone from their movie companies called us up to give us the scoop, however. It was a lucky accident we found out about their new projects. As it turns out, David (*Have a Marijuana*) Peel contacted Eileen Polk (a freelance photographer and former punk who's photographed celebrities from Sid Vicious to Frank Zappa) about shooting some pictures of him on the set of *Rude Awakening* (David sings a "number" in the film). Before you knew it, Eileen interviewed Cheech, who told her about Chong's new movie. Eileen then heard from her friends Louie and Barbie Moonfire that Tommy was filming on their ranch, so she flew out to California to talk with Tommy and shoot some pics.

Moonfire Ranch is a '60s dream come true—a mountaintop retreat surrounded by 600 acres of undeveloped land. The whole complex is independent of "the system" for energy needs, water and essential services. It's been a home and hangout to many celebrities—Jim Morrison, Paul Newman (part of the movie *Harper* was filmed on the ranch), and Andy Warhol, to name but a few. Aside from Louie's immediate family (his three children and beautiful wife, Barbie), the ranch is inhabited by exotic animals from around the world, like a modern-day Mount Ararat. At one time, he had a camel, an emu, a llama, and a yak living with him; peacocks, goats, deer, and an African Crane live there now.

Louie Moonfire is a passionate defender of animal rights and a vegetarian activist. He once hired a limousine to bring a Black Angus cow to a fast-food hamburger chain restaurant for a protest, an action that led to several arrests. He built his own music synthesizer and stocked it with animal sounds from around the world, which he uses to compose New Age music compositions. His latest project involves producing religious songs from different cultures, and recording them with Tibetan gongs and the sounds of nature from his synthesizer.

If you're interested in hearing some of his music, or in vegetarian activism, you can write to him. His mailing address is: Louie Moonfire, P.O. Box 859, Topanga, CA 90290.

JOHN HOLMSTROM
—John Holmstrom
Executive Editor

EILEEN POLK



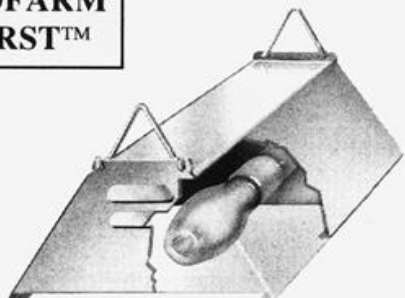
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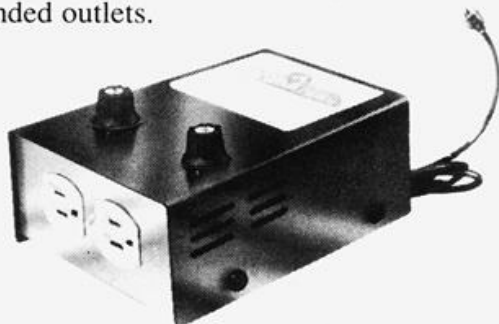
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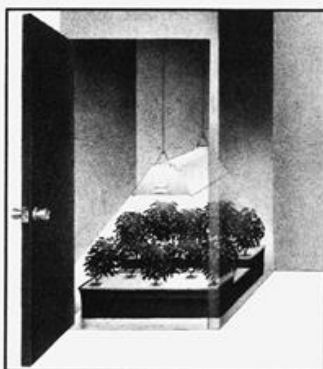
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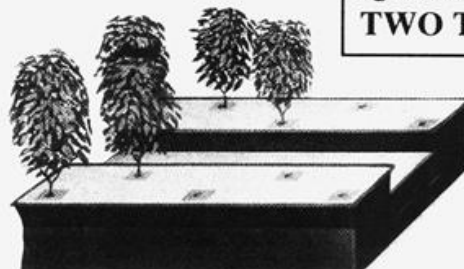
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Brazos Indoor Garden Ctr., (713) 661-9473
5815 Bellaire Blvd., Houston, TX 77081

WISCONSIN
Madison Indoor Garden Supply (608) 221-9292
6420 Bridge Rd., Monona, WI 53713

CANADA
Brite Life/Que' Pousse (514) 489-3806
2215 Walkley, Montreal, Quebec, CAN H4B2J9

More growers and retailers rely on **HYDROFARM** products than all other brands of equipment combined. We're the oldest and the largest. Why? Because **HYDROFARM** products have been designed for optimum performance and manufactured for quality, safety, and durability since 1977.



BETTER DESIGNED — BETTER BUILT!

HYDROFARM LIGHT TRACK™

- Hang horizontal or vertical lights
- No-drip motor: lifetime lubrication
- Heavy-duty four wheel carrier
- Full five year guarantee

OTHERS

- Hang vertical lights only
- Motor drips: needs oiling
- Weak one wheel carrier
- One year guarantee only

NEW!

THE HYDROFARM LIGHT TRACK™

FASTER! 20% more laps per lighting cycle.

6' Ft. System **\$99.95**
6' Ft. Extension **\$39.95**



Light not included



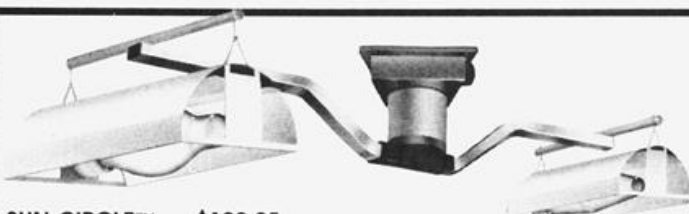
HYDROFARM SOLO GEOLITE SYSTEM

Professional quality automated Ebb & Flow with Geolite in a single unit size. 2' x 2'. Includes nutrients, pump, timer, etc.

\$69.95

WHIRLIGIG \$129.95

Move two lights back and forth for more coverage. Get lights closer to your plants for better growth. No wiring required. (Lights not included.)



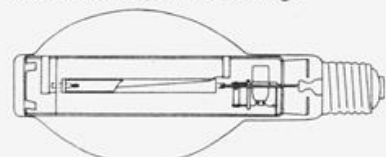
SUN CIRCLE™ \$199.95

Get more coverage with this rotating device that moves two lights in a full circle. Blend lights for optimum results. Exclusive horizontal hanger bars included at no extra charge. (Lights not included.)

One-arm Sun Circle **\$139.95** Three-arm Sun Circle **\$259.95**

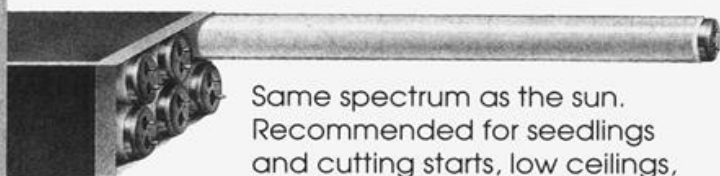
SODIUM CONVERSION BULBS

Simply screw one into your halide fixture for super flowering!



940 watt - for 1000 halide **\$137.95**
360 watt - for 400 halide **\$67.95**
220 watt - for 250 halide **\$67.95**
150 watt - for 175 halide **\$67.95**

CYLINDERS OF SUNLIGHT™



Same spectrum as the sun. Recommended for seedlings and cutting starts, low ceilings. Box of six 48" tubes **\$74.95**

CO₂ MEASUREMENT SYSTEM

- Calibrated Syringe
- Two Analyzer Tubes
- Instructions **\$19.95**



Extra CO₂ Analyzer Tubes
Pack of 2 **\$11.95**

NEW—IMPROVED!

HYDROFARM LIGHT METER

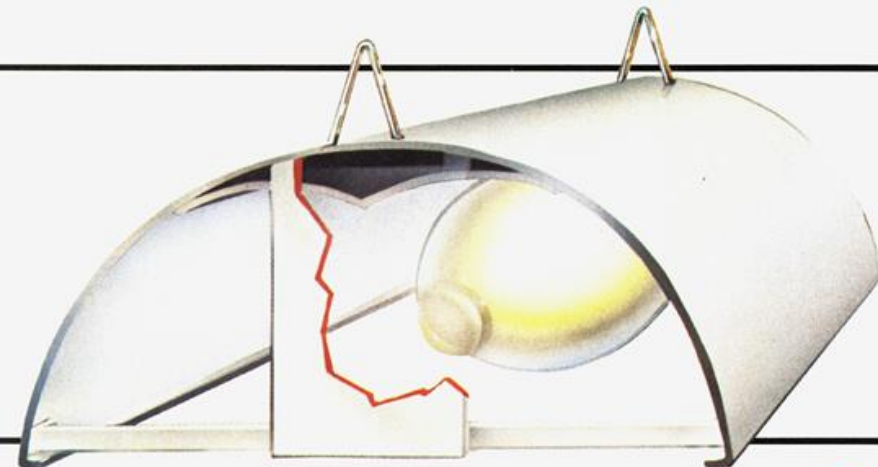
- Reads in footcandles for both fluorescent and high intensity lighting
- Checks for even light distribution
- Monitors aging bulb efficiency
- Comes with 30" extension probe and instructions **\$29.95**



**NEW 1989
COLOR
CATALOG
FREE!**

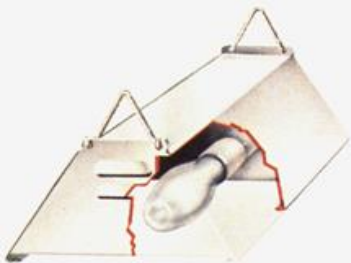
Other grower-proven **HYDROFARM** products also available (see catalog): • 45" Vertical Reflectors • Hydrofarm Cutting Concentrate + Starter kit • Grow and Bloom Nutrients • Air Cleaner • Digital pH Pen • Vent Fans • Geolite • Rockwool • Mvlar, etc.

GROW WITH THE BEST



THE HYDROFARM GROW WING™ (pat. pend.)
Delivers more light intensity than any other reflector, horizontal or vertical!

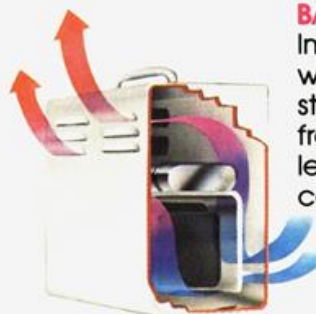
- Horizontal system with double parabola design for the most efficient light reflection—**THE BEST!**
- Low profile for more vertical growing space
- Electro-white finish for permanent, uniform light distribution
- Strong steel construction for level lamp support
- Adjustable lamp position bracket
- **Safety-First** HYDROFARM wiring system.



MINI-HORIZONTAL

Choose 175 watt metal halide or 150 watt HPS system.

- Horizontal efficiency
- Built-in ballast
- Electro-white finish
- Ready to plug into any 120V outlet. \$109.95



BALLAST (Included)
Improved design with double-wall steel construction, front and rear bi-level louvers, all UL components.

LIGHTING SYSTEMS

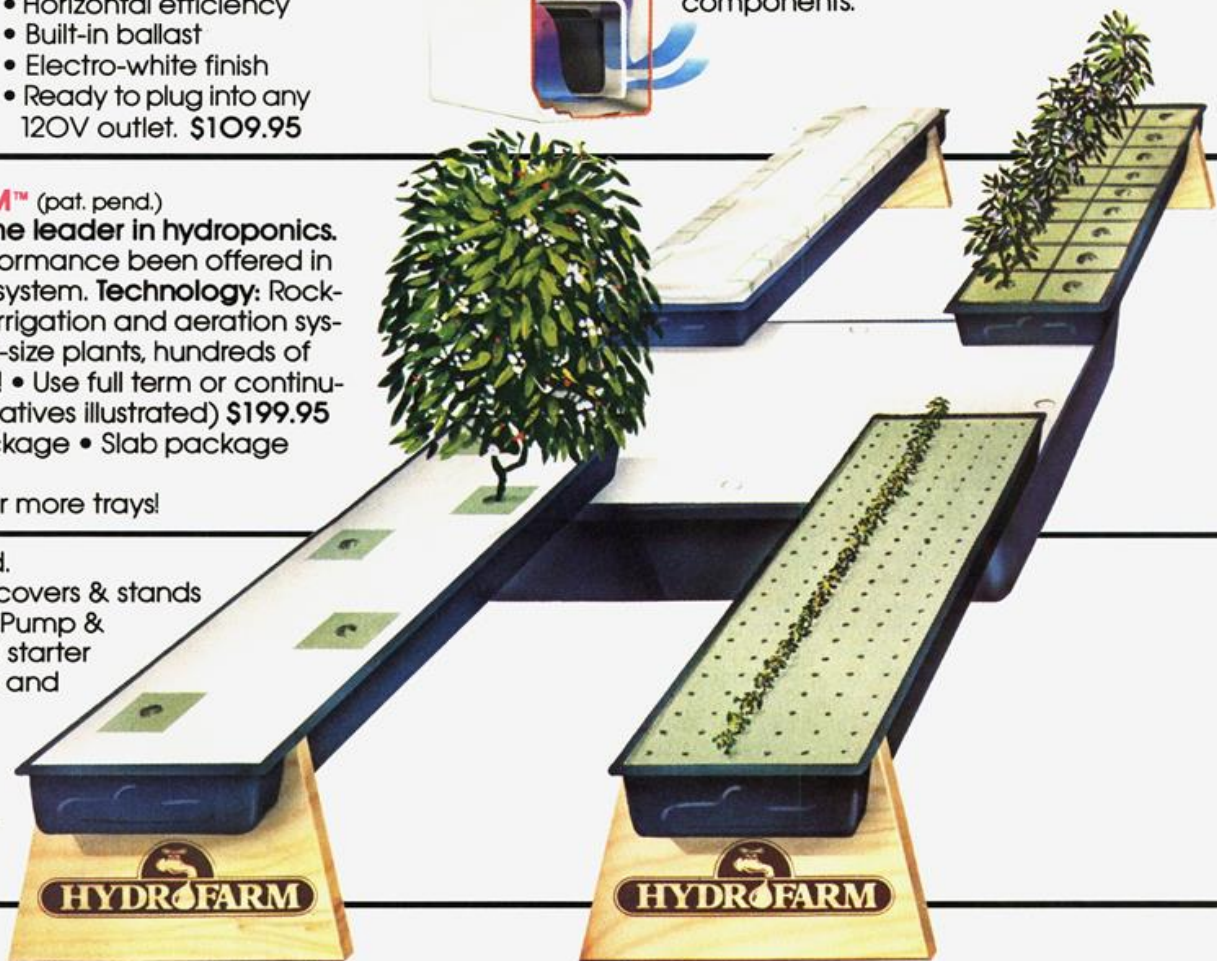
1000 MH	\$199.95
400 MH	149.95
1000 HPS	264.95
400 HPS	189.95

THE HYDROFARM QUANTUM™

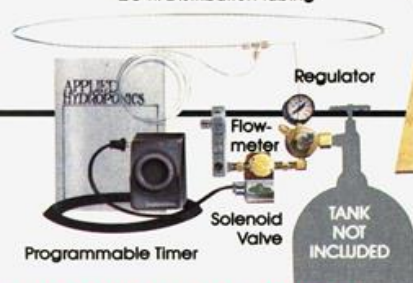
(pat. pend.)
The next generation from the leader in hydroponics. Never before has peak performance been offered in such a reliable, easy-to-use system. **Technology:** Rockwool medium • Multi-ridge irrigation and aeration system. **Versatility:** Grow 20 full-size plants, hundreds of cuttings, or up to 600 starts! • Use full term or continuous harvest methods (alternatives illustrated) \$199.95
Options: **Ebb and Flow** package • Slab package • Geolite package.

Expansion: Add on up to four more trays!

Nothing extra to buy or build.
Comes with: • 4 grow trays, covers & stands
• 25 gal. reservoir & cover • Pump & irrigation system • Rockwool starter & growing cubes • Nutrients and complete instructions



20 ft. Distribution Tubing



HYDROFARM CO₂ SYSTEM

- Fertilize the air
- Double growth and flowering
- Unique programmable timing \$149.95

Only Applied Hydroponics offers:
Full 5-year product guarantee (bulbs, one year) • 30 day money-back guarantee • Factories (with showrooms) on both coasts
• Fastest delivery nationwide
• New low shipping rates

Free catalog & phone orders

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1-800-634-9999 WEST

Visit our showrooms M-F 9-5, Sat 10-5

Applied Hydroponics, Inc.

East U.S.-Phila.: 208 Route 13 Bristol, PA 19007
West U.S.-S.F.: 3135 Kerner Blvd. San Rafael, CA 94901



COD

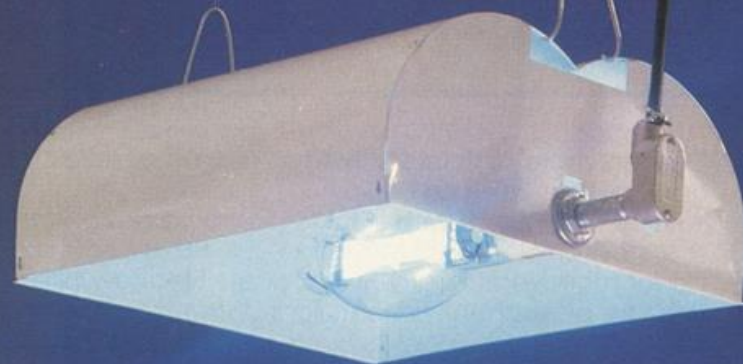


CA & PA residents add 6% sales tax. All prices plus shipping.

Mini-Horizontal (20"X 10"x 6")

◀ Compact Yet Powerful

MAX-89 "THE ULTIMATE HORIZONTAL"
89% increase in light output
Double Arc, low profile, adjustable, electro-white ▼



Compare Quality & Price
you are saving 5% to 40%

Heavy Duty Ballast ▶
With 38 cooling louvers



CO₂ Enrichment System

HAMILTON'S GROW LIGHTS ARE THE NEW #1 IN THE U.S.A.

Only Hamilton has been honored for having its Horizontal Lighting Systems exhibited at the 1988 Hydroponic Society of America convention

A good grow light is the key to your indoor growing success

It is well known that Metal Halide and High Pressure Sodium full spectrum lights, especially in a horizontal system, are the best lights to promote good plant growth and to increase bud and flower production. All other lighting systems including fluorescent are too weak to supply enough light for budding and flowering.

How to get maximum light output

Hamilton has perfected the ultimate horizontal reflector: **Max 89. The unique double arc "v" design and the super reflective finish of Max 89 give a remarkable 89% increase in light output** over vertical mounted lights. It is not possible to design a reflector that can give more light than Max 89. Its ventilation design assures a longer bulb life. Every Max 89 has an adjustment feature which allows you to regulate light to meet the requirements of your growing area with either more concentrated or more diffused light. Max 89 has a low profile design that actually leaves more vertical space for plant growth.

Percentage of light output increase

Hamilton Technology	89%
Max 89™	
Hamilton Technology	68%
Mini-Horizontal	

Better safe than sorry

Many poorly designed lighting systems become fire hazards with increased use. Hamilton's UL approved heavy-duty, high temperature resistant lamp cords are not only 220° F./600 volt but have an "STO" safety and durability rating. For utmost safety, lamp cords are connected 4" away from the socket in a protective junction box to prevent fire from lamp heat build up.

MH250 Mini-Professional System

The most powerful mini-horizontal on the market (reg. \$148) **Sale \$119.⁹⁵**

Mini-Horizontal MH175 or HPS150

Compact (built-in ballast), powerful & economical. Ideal for small growing areas, side lighting, and cuttings (reg. \$119)**only \$95.⁰⁰**

How to get highest quality products

Our UL approved ballast components are mounted on a heavy 14 gauge steel panel with strong studs to insure whisper-quiet performance and durability. The single heavy panel acts as an excellent heat dissipator, unlike thin, double-walled heat traps that vibrate and echo irritating noise. The 3-way, 38 bi-level louvered enclosure gives maximum cooling air flow for longer ballast life. These louvers give better protection against water splash and dirt entry than screen or slot type systems. Our ballasts come with a rust protective white finish.

Comparison of Ballast Enclosure

Hamilton Technology

38 bi-level louvers, 3 way

Competitor A

12 louvers

Competitor B (no louvers, slot type)

NEW! Conversion HPS Bulbs that work in Metal Halide Systems

Convert your existing Metal Halide System into High Pressure Sodium by simply changing a bulb.

1000w \$129.⁵⁰ — 400w \$59.⁵⁰ — 175w \$57.⁵⁰

Best value at Hamilton

Hamilton offers quality products at the lowest prices. Why should you pay inflated prices for inferior products? Order from our large selection of light and hydroponic systems. **On page 12**

★ see ad on page 12 ★

COMPARE PRICE & SAVE WITH HAMILTON

Metal Halide 1000w from	\$139.95 to \$179.95
Metal Halide 400w Deluxe	\$133.95
Combination MH 400w/HPS 400w	\$299.00
High Pressure Sodium 1000w Deluxe	\$255.95
High Pressure Sodium 400w Deluxe	\$174.95
Mini-Horizontal MH 175w or HPS 150w	\$95.00

CO₂ Enrichment System

Increasing CO₂ in the air speeds plant growth dramatically and doubles budding and flowering. Fully assembled unit includes: Regulator, Gauge, Solenoid Valve, FlowMeter, Tubing, Instructions. (Timer optional \$7) **Sale \$129.⁹⁵**

Satisfaction guaranteed

Order from Hamilton with confidence that our systems are of exceptional quality, performance and value. Our light systems will perform beyond your greatest expectations. We fully guarantee your complete satisfaction with our **30-day money back policy**. Our lighting systems are **guaranteed for 5 years** (bulb 1 year).

Fast COD or Credit Card delivery by UPS anywhere. Large inventory. Now... Shipping in 24 hours.

TO ORDER TODAY CALL:
(800) 458-7474

HAMILTON TECHNOLOGY CORP.

14902 S. Figueroa St., Gardena, CA 90248

LOS ANGELES CUSTOMERS:

Buy direct from factory (213) 217-1191

14902 S. Figueroa St., Gardena, CA.



METAL HALIDE COMPLETE GROWLIGHT SYSTEMS

1000 WATT SYSTEMS

DELUXE—46" round or parabolic	
20" horizontal	184.50
STANDARD—18" White Enamel Reflector	167.50
ECONOMY—2'x3' Polished Aluminum Reflector	144.50
To upgrade to a 125,000 lumen-	
12,000 hour Superbulb	Add 15.00
Phosphorous coated bulbs	Add 6.00

400 WATT SYSTEMS

DELUXE—14" White Enamel Reflector	134.50
STANDARD—14" White Enamel Reflector	124.50
ECONOMY—2'x3' Polished Aluminum Reflector	109.50
To upgrade to a 40,000 lumen-	
20,000 hour Superbulb	Add 10.00
Phosphorous coated bulbs	Add 6.00

MINI-MIGHT METAL HALIDE 175 WATT



HIGH PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 1000 Watt—46" round or parabolic 20" horizontal	269.50
DELUXE 400 Watt—14" Reflector	189.50
MINI-MIGHT 150 Watt (16,000 lumens)	99.00

LOW PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 180 Watt Low Pressure Sodium Light	195.00
---	--------

LIGHT MOVERS



6' Solar Shuttle	99.00
6' Solar Shuttle Extender	39.95
Solar Shuttle Motor	22.00
Whirling Light Turret	119.00
Sun Circle Light Rotator 360°	
One revolution every 40 minutes.	
1 Arm	139.00
2 Arm	199.00
3 Arm	256.00

TIMERS

Paragon 15 amp/120 volt	14.95
Dayton 15 amp/120 volt	19.95
Dayton 40 amp/120 volt	37.95
Dayton 40 amp/240 volt	39.95
Cycle Timer 1-60 min. on/off	79.00

BULBS

METAL HALIDE BULBS

M175—15,000 lumens-20,000 hours	29.00
M400—34,000 lumens-20,000 hours	36.95
MS400—40,000 lumens-20,000 hours	45.95
M1000—110,000 lumens-12,000 hours	54.95
MS1000—125,000 lumens-12,000 hours	69.95
Phosphorous Coated Bulbs	Add 6.00

HIGH PRESSURE SODIUM CONVERSION BULBS



Now available. An energy saving sodium bulb that runs off your existing Metal Halide ballast.	
175w—15,000 lumens-24,000 hours	59.00
400w—50,000 lumens-24,000 hours	69.00
1000w—140,000 lumens-24,000 hours	139.00

HIGH PRESSURE SODIUM BULBS

LU150—16,000 lumens-24,000 hours	39.00
LU400—50,000 lumens-24,000 hours	52.95
LU1000—140,000 lumens-24,000 hours	94.95

LOW PRESSURE SODIUM BULBS

180 Watt—33,000 lumens-24,000 hours	95.00
-------------------------------------	-------

We're celebrating our 10th Anniversary with a 5% discount on all items. Plus a 5 year warranty on all lighting systems. (One year warranty on bulbs.)

VITA LITE

4-ft. power twist, 40 Watt	13.95
Case of six	75.00

REFLECTORS

(complete with socket and cord)

46" polished aluminum or white	49.00
20" horizontal	49.00
20" adjustable white	40.00
18" white	30.00
14" white	25.00
48" Parabolic hood	49.00
4'x4' square polished aluminum	115.00
5'x5' square polished aluminum	130.00

BALLASTS

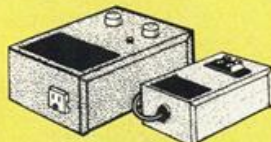
Metal Halide Ballasts (110v or 220v available)	
Deluxe 1000w (includes power supply)	115.00
Stan. 1000w	105.00
Econ. 1000w (uncovered)	97.00
Deluxe 400w (includes power supply)	95.00
Stan. 400w	85.00
Economy 400w (uncovered)	70.00
Ballast cover	10.00
High Pressure Sodium Ballasts (110v or 220v avail.)	
Deluxe 1000w	170.50
Deluxe 400w	125.50

HYDROPONIC SYSTEMS

4 unit hydrosport	208.00
8 unit hydrosport	295.00
Each additional hydrosport	16.00

SUBMERSIBLE PUMPS

#2P495-120 GPH	37.95
#1P553-140 GPH	39.95
#1P321-300 GPH	56.95

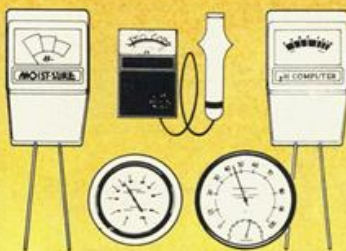


SURGE SURVIVAL SYSTEM

Command Module with one Remote	
Module (120 or 240 volts)	139.00
Additional Remote Modules (120 or 240 volts)	ea. 45.00

METERS

PH Digital Meter	75.00
Dissolved Solids Digital Meter	75.00
Light Intensity Meter	24.99
Plant Computer	19.95
PH Computer	19.95
Soil Salts Meter	20.99
Moisture Meter	11.95
MIN/MAX Thermometer	32.95
Taylor 4" Barometer	39.95
Fertilizer Analyzer	20.99
Humidity Gauge	21.95
Deluxe Humidity and Temperature Gauge	36.95
CO ₂ Gas Detector System (2 analyzer tubes incl.)	19.95
CO ₂ Analyzer Tubes	3.75
CO ₂ Tester	8.99



SOIL AND LIQUID TESTERS

Sudbury Soil Test Kit (Tests Ph, N, P, K)	14.95
Sudbury Soil PH Tester	3.99
Tetra Test Liquid PH Tester	3.95
Wardley Jr. Liquid PH Tester	3.95
Wardley Sr. PH Test Kit	5.99
Penn Plax Test Strip for Liquid PH	2.75

FANS AND BLOWERS

Ventilator fan with Thermostat (14" 900 CFM)	69.95
Squirrel Cage-15 CFM	21.95
Squirrel Cage-50 CFM	29.95
Squirrel Cage-100 CFM	43.95
Squirrel Cage-160 CFM	54.95
Squirrel Cage-200 CFM	69.95
Squirrel Cage-265 CFM	69.95
Squirrel Cage-320 CFM	74.95
Squirrel Cage-465 CFM	79.95
Squirrel Cage-525 CFM	89.95
Squirrel Cage-960 CFM	159.95
Thermostat	19.95
Auto Flo Humidistat	34.95

CO₂ SYSTEMS

CO ₂ Regulator/Distributor	139.00
E.S.U. CO ₂ Generator (up to 500 sq. ft.)	324.00
Johnson CO ₂ Generator (up to 4800 sq. ft.)	499.00

CHARCOAL FILTER SYSTEMS

Skunk Buster #100	109.00
Skunk Buster #200	169.00
Skunk Buster #400	225.00

NEGATIVE ION GENERATORS

Airease	49.95
Pulsair	99.00



GROWING SUPPLIES

Mylar (Double-sided 99% reflectivity)	
4'x50' roll	29.00
4'x100' roll	49.00
Mini Grow House	14.95
Rock Wool	
2"x2" Cubes	20
3"x3" Cubes	39
3"x4" Cubes	49
40 lb. Bale	39.00
Rock Wool Slabs	
3'x6"x3"	4.99
3'x8"x3"	6.99
3'x12"x3"	10.99
Grow Bags	
2 Gallon Grow Bag	39
5 Gallon Grow Bag	59
7 Gallon Grow Bag	65
10 Gallon Grow Bag	69
Alka Liche	
1 quart	6.95
1 gallon	16.99
Safer Soap Insect Spray	
8 oz. spray	2.99
8 oz. concentrate	6.75
Rootone Hormone Rooting Powder (4 oz.)	1.69
Jiffy 7 Peat Pellets (2 doz.)	2.40
Wilt Pruf Plant Protector (Keeps leaves from burning)	
14 oz. Spray	5.49
1 pint concentrate	8.99

BLACK GOLD FERTILIZER

All Organic 1.5 cu. ft.	8.99
Pure Earthworm Castings 20 quarts	13.95

NUTRIENTS

Greenleaves All Purpose Liquid Nutrient—ideal for all stages of growth. Use with soil or hydroponic systems.	
12 oz. bottle	3.95
1 gallon	19.95
Super Bloom Liquid Greenleaves 10-40-10	
12 oz. bottle	5.95
1 gallon	24.95
E.S.U. Dry Concentrate—concentrated water soluble fertilizer, 1 teasp. per gallon, 1 pound makes 100 gallons.	
Grow (20-6-16) Bloom (9-21-12) All Purpose (16-12-16)	
8 oz.	3.95
5 lbs.	19.95
25 lbs.	79.00

ROOTING FORMULA

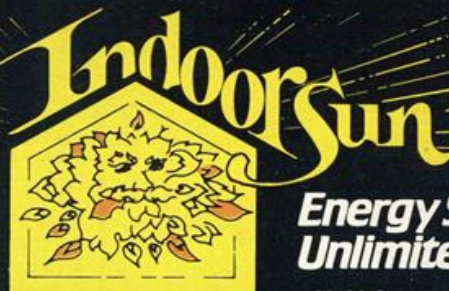
Great Roots—Super liquid rooting formula (with rooting hormones and minerals) 2 part	
13 oz. total	14.95

BOOKS

Gardening Indoors	14.95
Beginning Hydroponics	7.95
Hydroponic Gardening	7.95
Hydroponic Food Production	24.95

INDUSTRIAL CATALOG

(\$5.00 refunded with first order from catalog)	5.00
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Energy Savers Unlimited, Inc.

22138 S. Vermont Ave. #C
Torrance, CA 90502

Call Toll Free: Outside California (800) 421-2994



In California (800) 538-3400



Prices do not include shipping. One year parts and labor guarantee. 30 day money back guarantee. C.O.D. welcome—No deposit required.

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THE SECRET OF SUCCESSFUL INDOOR GROWING

the easy Hamilton way...

Grow bigger, healthier plants faster.

PROVEN RESULTS: Metal halide and high pressure sodium lights create the highest intensity, best quality sun's full spectrum - indoors. Fluorescent systems are weak, inefficient and do not give your plants enough light lumens for good growth and flowering.

COMPARE & SAVE!

Highest quality products at lowest prices

METAL HALIDE: Best for fast plant growth.

SALE

MH 1000 Watt Deluxe System

Choice of 24" Horizontal, 48" Parabolic, or MAX-89 reflector. High quality, assembled, QUIET, ventilated ballast box with GROUNDED 6-OUTLET, ON-OFF CONTROL, 15Amp. PROTECTIVE CIRCUIT BREAKER: 20' lamp cord; high lumen output, 12,000 hr. bulb. (Option: Upgrade to G.E. Multi-Vapor with best spectrum, add \$14.00).

MH 1000 Watt Basic System

High quality, assembled, QUIET, open ballast; 20' lamp cord; socket; high lumen output, 12,000 hr. bulb. (Option: Upgrade to G.E. Multi-Vapor with best spectrum, add \$14.00)

MH 400 Watt Deluxe System

Ideal for small area up to 4'x4' (Reg. \$151) \$133.95 24" Horizontal reflector (for MAX-89 or 48" Parabolic add \$9.95). High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 36,000 lumen/20,000 hr. bulb. (Option: Upgrade to G.E. Multi-Vapor with best spectrum add \$10.00).

MH 250 Watt Mini-Professional System

For 3'x3' area (Reg. \$148) \$119.95 Compact, most powerful mini-horizontal, built-in ballast, 68% more efficient than vertical systems, economical to operate. (HPS 250w Conversion bulb available)

HIGH PRESSURE SODIUM: Increases budding & flowering

HPS 1000 Watt Deluxe System

Choice of: 24" Horizontal, 48" Parabolic, or MAX-89 reflector. High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 5KV socket; 140,000 lumen/24,000 hr. bulb. Our most powerful light for flowering.

HPS 400 Watt Deluxe System

24" Horizontal reflector (for MAX-89, or 48" Parabolic add \$9.95). High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord, 50,000 lumen/24,000 hr. bulb.

MINI-HORIZONTAL: MH 175w OR HPS 150w

Compact yet powerful, 20"X10"X6", electro-white, built-in ballast, economical to operate. (Reg. \$119) \$95.00

COMBINATION MH/HPS SYSTEM: Perfectly blended lights

Combo MH 400 / HPS 400 Deluxe System

Reg. \$378) \$299.00 MH 400 & HPS 400 bulbs under a 24" Horizontal Reflector; QUIET, remote ballasts. (For MAX-89 reflector add \$9.95) (For Combo MH 1000 / HPS 400 Deluxe add \$69.00).

Combo MH 1000 / HPS 1000 MAX-89 System

Reg. \$542) \$425.95 Two 1000w bulbs under MAX-89 reflector; QUIET, remote ballasts, etc. Our best system.

Grounded Light Timer, heavy duty, 15 Amp

(Reg. \$20) \$14.50

LIGHT MOVERS: More light coverage to grow more plants.

Motorized Lite Track™-Double your light coverage.

(Reg. \$99) \$93.95 Best single light mover; 6' track; covers up to 8'X10'. (EXTENDER for 2nd light \$38.95)

SunCircle2™-Increases flowering by blending MH&HPS

(Reg. \$199) \$187.95 Two lights rotate continuously in full circle; coverage: 8'X8' up to 12'X12'.

SunCircle3™-Eliminates hot and dark spots

(Reg. \$269) \$245.00 Three lights rotate continuously in full circle; coverage: 10'X10' up to 15'X15'.

HYDROPONICS: Our customers say their plant yields are three times greater and two times faster with Hamilton's automated "flood/drain" HYDROPRO system. Roots are provided maximum direct nutrition and aeration without soil. No soil pests, no soil odors, no weeding!

HYDROPRO SINGLE™: Ideal for 4 adult plants; min 2'X2' area

(Reg. \$84) \$68.95 Includes: pump, grow & bloom nutrients, timer, pH test kit, seed starter, instructions, etc.

HYDROPRO 4™: grow up to 16 adult plants; 3'X9' or 7'X7' area

(Reg. \$199) \$187.95 Includes: submersible pump, grow & bloom nutrients, timer, pH test kit, Jiffy 7, manual, etc.

HPS BULBS That work in metal halide systems!

1000 Watt (Reg. \$140) \$134.95 400 Watt (Reg. \$70) \$64.95

CO₂ Enrichment System: Increases growth by 40%

(Reg. \$160) \$129.95 Includes: Regulator, flow meter, solenoid valve, delivery tubes, manual.

FREE INDOOR GARDENING BOOKLET

With any system purchased

ION GENERATORS: Clean growing area of smoke, odors, pollen & pollutants.

AirEase \$49.95 Pulsair \$96.50 Phase3 for max. odor elimination \$119.00

DIGITAL pH PEN: Instant accurate reading

(Reg. \$97) \$58.95

DIGITAL Dissolved Solids (Conductivity) PEN

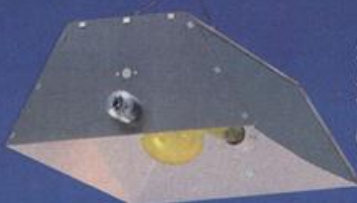
(Reg. \$97) \$58.95

ROCKWOOL • GROW & BLOOM NUTRIENTS • MYLAR • BULBS •

TIMERS • BLOWERS • GROWING SUPPLIES, etc. Call for Price.

PRICE SUBJECT TO CHANGE WITHOUT NOTICE

12 FREE CATALOG



24" HORIZONTAL:

52% more light than 45"!!

Ventilated, adjustable, electro-white (24"X20"X10")



MAX-89 "THE ULTIMATE HORIZONTAL"

"DOUBLE ARC" for greatest efficiency, low profile, adjustable, electro-white

5% TO 40% DISCOUNT on all regular prices



Mini-Horizontal 20"X10"X6"



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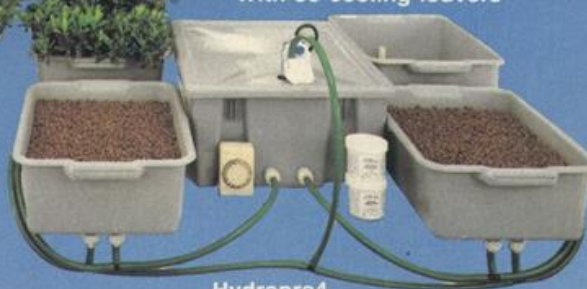


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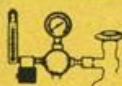


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ESU Indoor Sun Chronicle

MAJOR BREAKTHROUGH IN CLONING TECHNOLOGY

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LETTERS

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GO JERRY, GO!

As a Deadhead concerned with the environment, I was pleased to read your interview with Jerry Garcia (especially after the Grateful Dead article you published last February, written by Hank Harrison and laced with inaccuracies). However, your readers should be informed about the devastating effect cocaine production has had on the rainforest. Roughly 1.7 million acres of jungle in the Peruvian Amazon had been deforested for cocaine production—including airstrips and clandestine laboratories. Chemicals used to process cocaine have been dumped indiscriminately. This includes kerosene, lime, sulfuric acid, acetone, and other toxic waste. Any American who says yes to fast-food burgers and/or cocaine is robbing future generations of a safe, clean, desirable planet.

—Nancy Sanchez
Saratoga, CA

The interviews with Jerry Garcia and Mickey Hart were great!! I'm a government prosecutor and have sent people to jail for cocaine, marijuana and LSD possession. When I was in college, I experimented a little with drugs. I even know a judge who used pot while in law school. I sell my soul to prosecute laws I don't believe in—laws I have broken myself. Please tell your readers to be careful. Cops and prosecutors read **HIGH TIMES** to keep up on the drug world. Someday, I hope to work up an argument proving drug laws are unconstitutional.

—Herb the Prosecutor
Utica, NY

Herb, you are a sad case. There is no excuse for sending people to jail for cannabis possession. Your pipedream of bringing a case before the Supreme Court won't buy any slack here. The least you could do is inform your juries of their right to nullify any law they feel is unconstitutional. Remember readers, if you're ever lucky enough to get

called up as a juror on a marijuana case, simply wait until the trial is concluded, and then free the defendant by "nullifying" the unfair law. All jurors have this right—even though they are never informed of its existence.

COKE VS. ALCOHOL

I recently bought a new computer and I'm hoping to put it to use firing off letters to my congressmen. I took some figures gleaned from newspaper articles and put them into a computer spreadsheet. I was wondering if any of your researchers would be able to confirm these calculations: There were an estimated 8.5 million regular cocaine users in the US in 1985. During that year there were an estimated 563 cocaine-related deaths. That means 9.7 cocaine deaths per 100,000 users. The country had 113.1 million drinkers in 1985. Annual alcohol-related deaths came to 100,000. That's about 88.4 alcohol deaths per 100,000 drinkers. It appears that alcohol is nine times more dangerous than cocaine.

—Colonel Day
Austin, TX

Your figures do not take into account the number of alcohol-related murders, and alcohol-related deaths on our highways. Compare these two hard drugs with marijuana, a drug that has not caused a single overdose death in recorded history!

I CONFESS

I found the "I Confess" article by Jack Babashoff (March '89) to be of great personal interest. I too smoked a couple of hearty bowlfuls prior to a championship swim meet. The next day I had the greatest performance of my career. I feel the pot helped me relax and sleep better. I want to thank Jack for coming out of the cannabis closet.

—W.G.H.
South Jersey, NJ



HEMP FOR VICTORY

I'd like to congratulate you on one of your best issues yet—February '89. "Can Pot Save the World?" by Jack Herer was particularly illuminating. **HIGH TIMES** seems to be getting a bit more dignified. "The Dope on Danny Q." was a stunner. Latimer and Rosenthal's editorials were first class. Keep up the good work.

—J.S.
North El Monte, CA

Some of your articles in February and March were fascinating, especially "Can Pot Save the World?" by Jack Herer and "Tales From a Kentucky Hemp Farm in 1889." **HIGH TIMES** should start advertising more. Maybe people will start getting the message. Let everybody know the real facts about pot!!!

—A Real Concerned American
Tampa, FL

YEAR OF PROTEST

Since y'all have declared 1989 "The Year of Protest," how about arming your faithful readers with a list of companies that donate funds to anti-drug organizations like the Partnership for a Drug-Free America?

—G.T.
Midvale, UT

Great idea. Ed Hassle's working on the list.

The Hash Bash is a bitchin' idea, but I think you guys are missing the boat by having all the protests in the east and midwest. Why not have a protest at U.C.L.A. or some other campus?

—Jonny Space
Los Angeles, CA

If you want a protest in California, then get off your ass and organize one! Also, join NORML and join Ed Hassle's Freedom Fighters (see ads on pages 57 and 86). ●

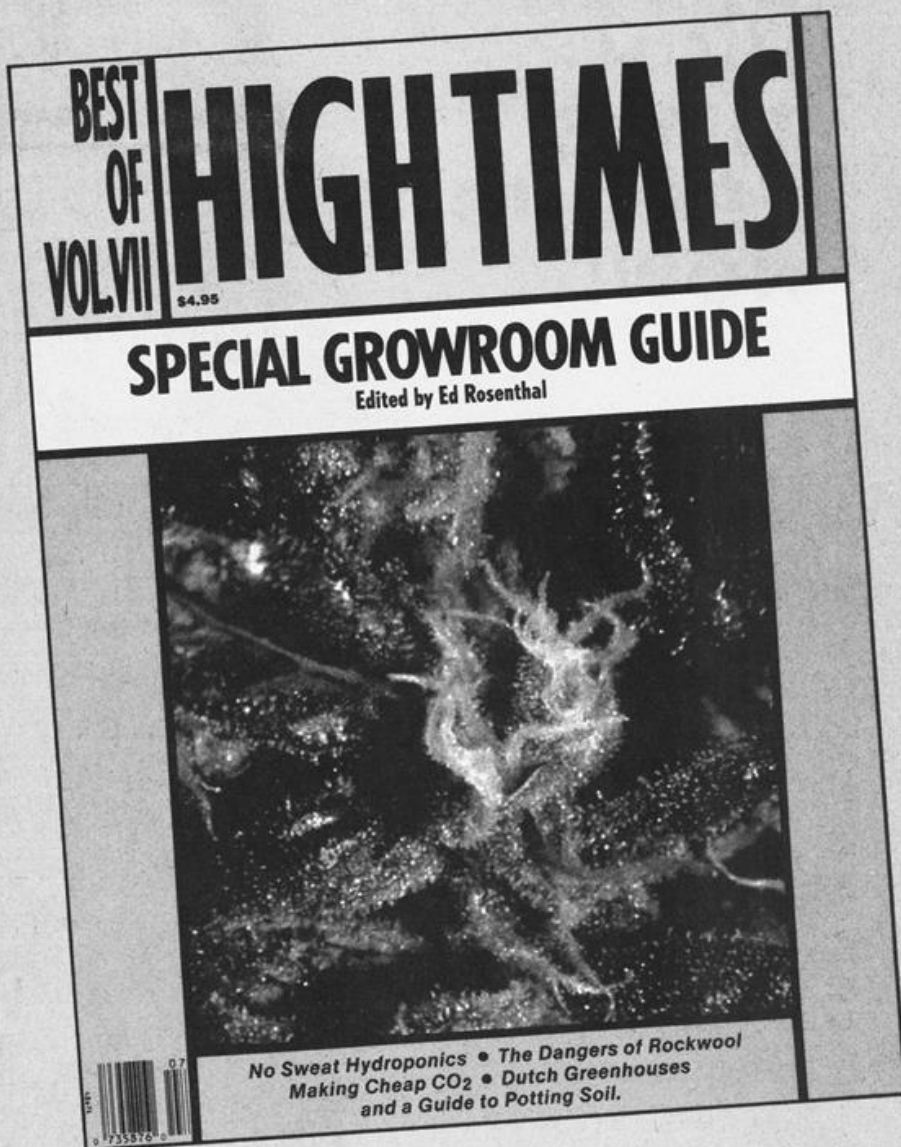
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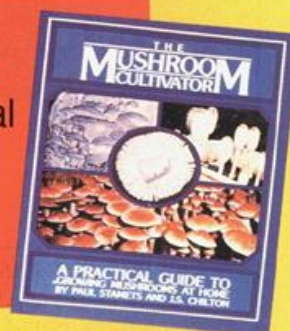
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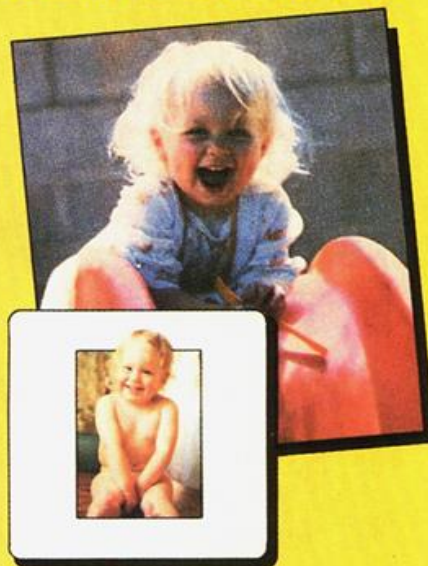
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JUN. '89 No. 166 HIGHWITNESS NEWS



HASH BASH A SMASH!

Hash Bash '89 was a smash! Held for the 19th year in Ann Arbor on the campus of the University of Michigan on April Fool's Day—the same day UM beat Illinois in the Final Four semifinal—5,000 revelers showed up for the rally. They brought plenty of smoke, which was blown in defiance of city, state and Federal laws all afternoon on the Diag.

"Ask Ed" Rosenthal, Jon Gettman, Jack Herer, Ben Masel and Chef Ra

spoke about the various issues that are important to the marijuana movement. Money was raised during a frenetic change-toss at the stage, suggested by Rosenthal. No one was injured. Twelve hundred dollars was collected.

A few code violations were given out for possession, but no arrests were made. Basically, Ann Arbor was cool about Hash Bash. Go Michigan!

—Steve Bloom



Abbie Hoffman 1936-1989

Hours before HIGH TIMES went to press, we received the sad news that Abbie Hoffman died at his Pennsylvania home. Abbie was instrumental in creating the counterculture movement of the 1960s, which, in turn, was responsible for the creation of HIGH TIMES. Although HT founder Tom Forcade had frequent disagreements with Abbie Hoffman (from battles over royalties for *Steal This Book*, co-written by Forcade, to charges that Hoffman "sold out" the anti-war movement at the Miami Democratic convention in 1972) they remained on good terms. Forcade helped organize benefits for Abbie's defense fund following Hoffman's cocaine bust and subsequent

"disappearance."

Meeting Abbie in person recently, and talking with him this month's interview, I found him to be surprisingly charming, energetic and vital. As he described his involvement in environmental activism (see page 42), Abbie sounded like he was at the peak of his career. His last book, *Steal This Urine Test*, is still the only comprehensive book to deal with that subject. Next month, we will publish a third part of the interview as a tribute to his memory.

The loss of Abbie Hoffman affected everyone here, and I'm sure it's felt by millions of others.

—John Holmstrom

FLASH: 'CRASH' OUT OF LEFT FIELD

Dick "Richie" Allen was one of baseball's most feared sluggers during the '60s and '70s. He was also moody and disagreeable. In Ticknor & Fields' just-released book, *Crash: The Life and Times of Dick Allen*, "the unvarnished story of one of baseball's great bad guys" is told. Writer Tim Whitaker and Dick Allen hold this conversation in Chapter 6:

Did you do drugs when you played ball?

Cocaine, no; greenies, they made

me sick; grass, I've tried it; booze, guilty.

As for grass...

Not the kind of thing baseball players like to hit on before a game. Imagine getting high and then stepping in against a Bob Gibson or Juan Marichal. Is there a more frightening prospect?

Off the field?

It was usually a writer or photographer who would have smoke. I blew some joint riding cross-country with guys like that. Not the daily beat writers, dig? The magazine guys. The amazing thing is that afterward their work would always be right on. They would have insights and they would get the facts right. I was impressed.

It wasn't a regular thing to smoke?

In my early baseball years, I was a rank amateur...In the '70s, I grew marijuana plants on our farm in Pennsylvania. There was something about being on that big, beautiful farm and smoking a joint after a hard day's work in the stables that was incredibly relaxing. There was a time when a joint would help me get loose enough to put the ball yard behind me.

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that farm in Pennsylvania, and I did a good job of nursing those plants along. One day one of the guys we had working on the farm walked up to the house with all the marijuana plants in his hand. He had yanked them out by the roots. I couldn't believe it! He said, "Look, Mr. Allen, I finally got rid of all these weeds behind the barn." It broke my heart. ●

BLACK TO THE STONE AGE

by Ra James

There is yet another controversy stemming from the Great Drug War. This time it's an explanation why black folks have turned to the evils of drug abuse. Not that it would take a Nobel prize-winning scientist to understand why. The Afro-American ghettos of America are suffering from the destruction of crack, cocaine and heroin. Anyone with their eyes open can see that our urban areas are 10-20 years in advanced physical, sociological and psychological decay. Poverty begets monumental problems for Afro-Americans—escape through hard drugs is the ghetto's answer—not the genetic origins of black people's skin color.

In the March 17 edition of the *New York Post*, Adelaide Stanford, a New York State Regent and respected Babylonian, stated: "The melanin in the skin of children of African descent bonds with narcotics and causes addiction." To which I must ask the question: "Why must we use witchcraft and voodoo scientific methodology to explain why the brothers in the ghetto are whacked out on crack?"

Ms. Sanford's statements remind me of my high school involvement in sports. In the late '60s, most white coaches believed in the stereotype of the black athlete's skills and adaptability to certain sports. The first great racial-genetic myth was, "Don't send blacks to the swim team, because blacks naturally can't swim." Then there was: "Don't let blacks run long-distance races—they have smaller lung capacities."

The list of myths goes on. So why does a respected black official fall into the same "Blacks got rhythm" bullshit? Let's dispense with the simple I-know-it-all approach. Let's start making an impact on the quality of life for African-Americans. And to all those "scientists" who want to work on the "drug problem," I say work on the poverty problem first. ●

TONE LOC: RAP'S 'CHEEBA CHEEBA' MAN

by Brian Silverman

The hottest sound coming from the streets the past few months has been the hard-edged voice of L.A. rapper, Tone Loc. "Wild Thing," the first single from Tone's debut album on Delicious Vinyl, *Loc'ed After Dark* (not to be confused with the 1966 Troggs' song of the same name), sold 200,000 copies just two weeks after its release. Five weeks later, the record "went platinum" (sales of 500,000 copies). Thanks to "heavy rotation" on MTV, Tone Loc has become a certifiable crossover hit.

"Wild Thing" and "Funky Cold Medina" (Loc's second single—if I interpret this rap correctly, a cold medina is some sort of love potion that drives dogs and women loc—a.k.a. crazy—but I could be wrong), HIGH TIMES' favorite cut from the album is "Cheeba Cheeba." In the rap, Loc humorously describes the many virtues of smoking "cheeba"—Spanish slang for pot. To the beat of Stevie Wonder's 1972 song, "Maybe Your Baby," he offers these pearls of rap-dom:

"I'm at my best after some indica or a bowl of sinse...Bit time supplying enough to keep the party high on...Bail to the Coast, take a helluva skoke, twist off a big bobba of some serious dope...Smoke it down to the nub, use



my roach clip, so much damn resin, it's starting to drip...It ain't harmful like heroin, it's all some cheeba, that's why I'm glad, homeboy, that I GOT THAT CHEEBA."

My question is: If the cheeba Loc smokes is so great, then why does he need a funky cold medina? ●

MARION BARRY: 'I'M A VICTIM OF THE NEW McCARTHYISM'

On the same day in March that President Bush discussed calling in the National Guard to police Washington, DC's drug problems—119 people had died in drug-related incidents to that point in 1989—the city's embattled mayor, Marion Barry, asked a Federal judge to allow an overnight curfew that had been ratified by the City Council to stand. The judge delayed the curfew for 10 days.

That evening, Barry, who has been accused of cocaine use, defended himself and his city on PBS' "MacNeil/Lehrer Newshour." The interview, conducted by Jim Lehrer, went something like this:

First of all, I'm a victim of the new McCarthyism. Back in the old days, if they didn't like what you do they'd call you a Communist without proving it. There's been no substantiation of anything that's been said about me. But forget about that for a moment. When I go out to high schools, young people cheer me. They see me as a good person.

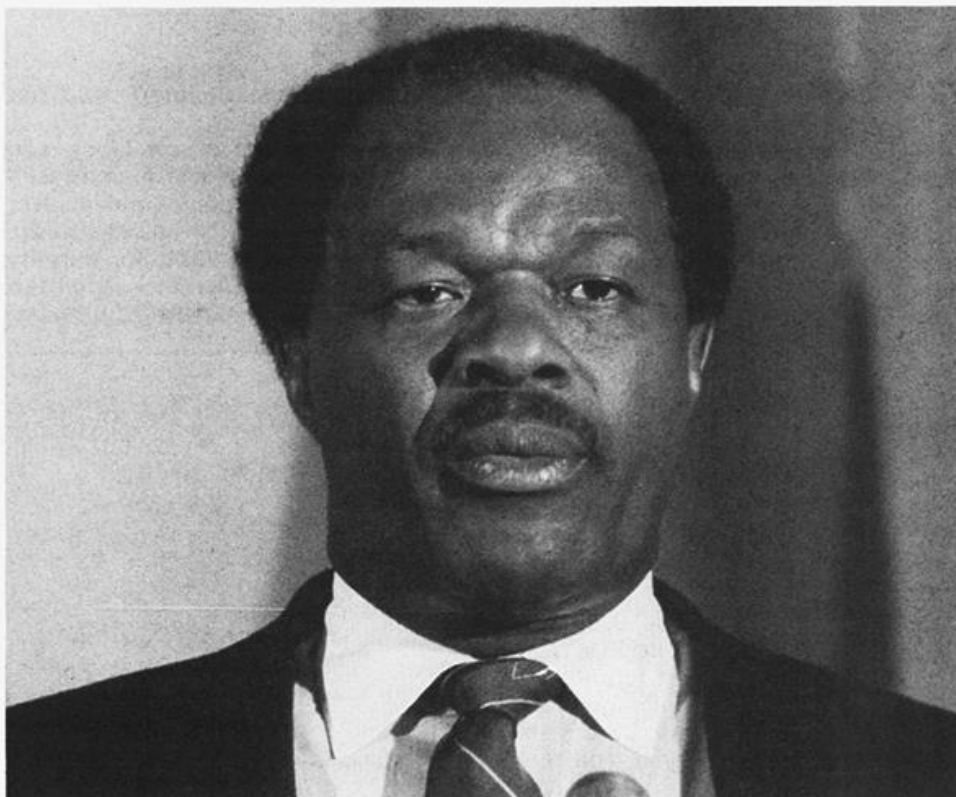
Do they see you as a fighter against drugs?

Yes, they sure do. They believe in me. The media keeps saying that Marion Barry's not solidly against drugs. I'm not associated with drugs, don't want to be around people who use drugs. I abhor it. It's the worst thing that ever happened to anybody. We need to get out and do some marching and clean up our neighborhoods. The business community ought to be trying to make sure that Washington is not projected as the murder capital of the world, because it's not. Statistically, we have more murders, but more of Washington is safe than anywhere in the country.

People are saying that you are not providing the leadership it takes to take care of this problem. How do you respond?

Washington is no different than Miami or Chicago, Los Angeles or New York—except that we're the nation's capitol. I spend about 60 percent of my time almost every day on this problem. We have arrested 46,000 people in two years. Over 12,000 people have been incarcerated—the highest number in the world except for South Africa. There are 13,000 people on probation, 5,000 on parole, 10,000 awaiting trial. We think we have been very vigorous in our law enforcement.

These killings are among drug dealers—80 percent are assassinations. According to my police chief, 5,000 more police officers could not stop these assassinations. It may make it more difficult—they'd just kill you at 9 o'clock at night as opposed to 12 o'clock in the daytime. These are people who know each other. It reminds me of the time of the Capone era when the



AP/WIDE WORLD PHOTOS

DC's mayor: "Washington is safe. Congress people are not in danger."

liquor dealers killed each other.

I feel empathy for the families of these people who are killed; I want them to stop. But the city of Washington is not in danger. Congress people are not in danger. We have the lowest unemployment rate in 18 years. Downtown is booming. Our neighborhoods are blossoming. Of course, we have violence, drugs and social causes. But because we're the nation's capitol, people focus on us. The 119 murders are too many. What we need to do is stop the flow of drugs into this country. We need to send the military down there [to South America]. On the domestic side, we need to decrease the demand for drugs, which is very difficult to do apparently in this country.

So then there's nothing that can be done?

We can be vigorous. We've closed down dozens of open-air markets. We're going to put more officers on the street. I'm for curfew. I'm sorry the judge knocked it down. We're doing a great deal. The media is doing a disservice when they say that Washington is unsafe. What's not safe is these isolated, low-income neighborhoods.

What do you say to those who say if you don't do something the Federal government is going to?

Ninety percent of all the drugs destined for all of America gets here. Our big, powerful United States government can't stop but 10 percent of all these drugs. It's a \$150 billion industry! Bankers are involved with it, car dealers

are involved with it, jewelers are involved with it. The Pentagon, the State Department, the President and Congress can only stop 10 percent of all the drugs coming into this country. Our priorities are wrong.

Why are there more killings and drugs per capita in Washington than in Cleveland or Chicago?

[In the past] we've had PCP as the drug of choice for those who use drugs. Now 64 percent of those tested in our criminal justice system have cocaine [in their systems]. The crack dealers from New York, Miami and other cities have come here.

Why?

Because it's a lucrative market here. The supply is great. The appetite is great from the Washington suburbs; we have people from Virginia and Maryland coming here by the carloads buying drugs. We confiscated 3,000 guns on the streets of Washington last year, 60 percent of which were from Virginia [where the sale of handguns is legal]. You can't just ignore that. We don't have organized efforts here by gangs or organized crime. It's everybody for himself or herself.

Your police chief says he cannot stop these assassinations?

Don't you think I would stop it if I had the know-how? I don't believe there's anybody in this country that has a solution. I wish they would call me tomorrow and say, "I know how to stop these killings." Rest assured, I'd give them all of my day. ●

A MONTH IN THE LIFE OF THE DRUG BIZARRE

by Doug McVay

William Bennett, Reagan's former Education Secretary, was confirmed as Bush's "Drug Czar" (a.k.a. Director of the Office of Drug Control Policy) by a 97-2 Senate vote in March. Only Paul Simon (D-III) and Jeff Bingaman (D-NM) voted "nay."

Bennett refused to be specific about his "War on Drugs" strategy during the two days of confirmation hearings before the Senate's Judiciary Committee. Regarding his past support of drug interdiction and foreign eradication efforts by the US military, Bennett responded that he had not formulated any policy, and that it would be premature to take a position on that issue.

Bennett said his National Drug Control Strategy would be issued 180 days after the confirmation, as required by the 1988 Omnibus Anti-Drug Abuse Act. However, pressured by several Democratic senators, Bennett did lend his tentative support to limits on non-military sales of semi-automatic assault weapons such as the AK-47.

This support grew into a recommendation to the US Customs Service to curb imports of some assault rifles. Rather than calling for further curbs on these weapons, Bennett followed Bush's and the National Rifle Association's argument that some semi-automatic weapons have legitimate sporting uses. (See "Bartos" at right).

Bennett's reluctance to support a comprehensive ban on assault rifles brought him into conflict with much of the law enforcement community. DEA Administrator John M. Lawn, for instance, has publicly stated his support of Colt's decision to suspend production of the AR-15, the civilian version of the military's M-16, and has encouraged other firearms manufacturers to follow suit.

Conflict with his colleagues in government may be a common problem for the new Drug Czar, as it was during his tenure as Education Secretary. When Bennett favored the deployment of Federal agents in Washington, DC's drug-infested neighborhoods ("shock treatment," he called it), he was met with immediate opposition from Attorney General Richard Thornburgh.

But Bennett may have the authority to turn some of these ideas into reality. As Drug Czar, he has the power to designate certain parts of the country "high-intensity, drug-trafficking areas." After this announcement, Bennett's office was flooded with requests from mayors around the country to

have their cities declared drug hot spots.

Another conflict erupted between Bennett and Health and Human Services Secretary Dr. Louis Sullivan over the issue of needle giveaways to addicts (see "Legal Needles" in February HIGH TIMES). Sullivan, who had already disagreed with the Administra-

tion's stance against abortion, took issue with Bennett, who contends that needle giveaways condone drug use. "I don't subscribe to that view," Sullivan said.

Bennett concluded his first month in office by attacking "yuppie users." Instead of tossing coke-snorting yups in jail, he proposed: "Let's put their picture in the newspaper. If you're using cocaine and driving around in your BMW, when you get stopped, you lose your BMW."

Yes, indeed—the Drug Bizarre.

BARTOS



BILLY ROTHEAD: part time janitor, Nazi memorabilia collector, war games enthusiast, Member of the National Rifle Association

"Being a deranged drifter, I often feel powerless and alienated from other people. That's why I appreciate the N.R.A.'s efforts to make assault rifles easy to get. Not only does the destructive capabilities of this gun make me feel powerful and important, but shooting into crowds of people with live, rapid-fire ammo is much more satisfying than single-fire rifles or silly laser-tag war games. I know there are thousands more psychopaths like me out there who are thankful that the N.R.A. stands up for our rights to bear arms.

I'm the N.R.A.



JON GETTMAN

NORML
NATIONAL DIRECTOR

NORML-IZER

Party For The Right To Fight

There's a lot you can do to help NORML change America's attitude about marijuana and the marijuana laws.

When people hear about marijuana's medical use, or its industrial uses (such as pulp for paper or fiber for cloth), they realize it's not a worthless plant. When they consider marijuana's effects on the human body in the context of other commonly-used drugs, such as alcohol, tobacco, sleeping pills and cold medications, people realize we have a double standard. Shouldn't adults make their own decision about marijuana use just as they do every day in the drug store?

Our problem is that NORML has never had the funding to take your case—and the facts about marijuana—to the public at large. This would take millions annually; right now we get by on about \$275,000 a year. NORML has several programs that are dormant due to insufficient funds.

Before getting to what you can do, let's review what others are doing to help. First of all, there are our 5,000 members whose dues and contributions keep us operating. Then there is our National Legal Committee, led by Gerry Goldstein, Michael Stepanian and Michael Kennedy, which supports our public education programs and the operation of our national office by raising tens of thousands of dollars annually.

NORML also owes special thanks to HIGH TIMES, which donates advertising space and conducts the NORMLTHON. We're grateful to Ed Rosenthal for urging his readers to increase their support.

Everybody has something they can do to help the movement. We have one member in the Carolinas who sends us \$20 every two weeks, when he gets paid. Another donates more than \$1,000 worth of stock every year. Other members send \$20 or more a few times a year, while others donate \$5. We even have supporters in the business community who make generous contributions, including some of HIGH TIMES' advertisers.



All our supporters try and help according to their abilities and their financial capability.

Isn't it time you did more yourself?

Why not throw a small party to benefit NORML? This could raise a few hundred dollars and be a lot of fun. If hundreds of people do it, it can mean thousands for NORML. Think about it for a minute.

Call a few friends right now and plan a party for NORML. Set an amount to ask each attendee to contribute—\$10 or \$15 for example. Ask people to bring a few close friends, again with the request that everyone make a contribution. If you like, contact NORML's office, and we'll send you some materials you can pass out at the party. When everyone is there, collect the checks, and place them in an envelope, address and seal it in their presence, and make sure you remember to mail it. Otherwise, all you have to do is enjoy the party.

Throwing several hundred of these parties over the next few months will add to the foundation for NORML's future. We're trying to find ways for you to support NORML and have a good time too. This is part of the strategy of having more rallies and festivals around the country. Projects like these give people a good feeling from being involved, they help

bring us together and organize us for future action.

The next step is to ask the network of friends that forms around your fundraising party to be available in the future for an organized letter-writing campaign (again, centered around a party), or help build a crowd at a rally or forum. Frankly, just having a fundraising party two or three times a year alone will make a radical difference. Any other help that comes out of the process is like icing on the cake. Fundraising parties provide crucial financial and human resources which are indispensable to organized political action.

As a cause, NORML represents taking responsibility for our future. We want change, so we're willing to work for it, and earn the respect of our fellow citizens in the process. Thousands are working to support our efforts. I think we owe them the financial and operational support they deserve. What about you?

Finally, let's not lose sight of the fact that marijuana arrests take place every day—every hour in some areas. This will continue until we get organized and become capable of generating huge sums of money annually to fight for justice. It's that simple. Tell that to your friends, please. All you have to do is invite them to party. ●

'NARC' INVADDES ARCADES

by Steve Bloom

Remember Robotron, Defender, Stargate, Blaster? All video game creations by the industry's all-time great game designer, Eugene Jarvis. Now, after several years off, Jarvis has returned with the arcade game, Narc—a typically furious-paced, Jarvis-style shoot-'em-up that pits the player against numerous nefarious drug dealers.

"Protect the innocent, punish the guilty," we're told in the game's attract mode (you know, all that stuff on the screen before you pop in your quarter). The object is to defeat the drug empire known as KRAK. The game begins on a sleazy urban street and then descends into a subway. In the second scene, Dr. Spike Rush, the enemy chemist/pusher, comes at you with needles. Being "spiked" by Dr. Rush leaves you dazed for awhile—"kind of tripped out," Jarvis says. You must destroy his lab. If you take too long, nasty pit bulls rip you to shreds, leaving realistic pools of blood in your wake. Scary stuff.

The third scene—on the bridge—introduces Kinky Pinky, the psycho-killer/slasher, and Joe Rockhead, a PCP freak. The latter is almost indestructible. Jarvis says the trick here is to find the correct route across the bridge—it should take just 15 seconds. To defeat Joe, who likes to butt you to death, walk him across the mines so he blows up real good.

The fifth scene should be of most interest to HIGH TIMES readers—unfortunately, you have to be an advanced video player to get to it. Sergeant Skyhigh is a Viet vet who operates a large greenhouse. The pot plants are enormous, roughly the equivalent of 20 feet high. Based on the stereotypical paranoid, security-obsessed Humboldt grower, Skyhigh is armed with a 50-caliber machine gun and a flame-thrower. About one out of every five plants is booby-trapped. The goal in this scene is to seize the crop.

"I didn't want the narc going around busting people for smoking a joint," Jarvis says. "But part of being a narc is busting cultivators. Hey, people get



killed just walking around in Mendocino. It's like Prohibition. Let's face it—pot's against the law."

Does Jarvis favor legalization? "I'm not for legalizing anything," he explains. "Pot's not as serious as other

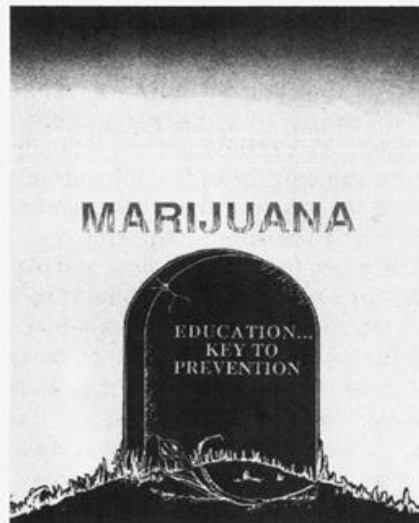
DOPEY DISKS: JUST SAY WOE

by Dan Gutman

"Marijuana users put the drug and their drug-using friends above everything else...Marijuana hinders growing up. Users seek highs all the time. They don't learn to cope with problems or socialize with others."

These are just a few of the incredible statements presented in "Keep Off The Grass," a computer program for Apple II and IBM PCs written by Substance Abuse Education, Inc., a software company out of Edwardsville, Kansas. The program—essentially a lecture, using scare tactics to dissuade seventh graders from experimenting with pot—is one of several on the market that deal with the nation's No. 1 issue: drugs.

"Keep Off the Grass" author Barbara Thomas (she claims to have a PhD in something) does admit that some people enjoy the sensations that come with smoking; however, the rest of the disk relentlessly hypes pot's alleged dangers. Marijuana users, according to Thomas, suffer from nausea, vomiting, blackouts, diarrhea and yes, even that known killer—*wobbly knees*. Boys who smoke will grow breasts and lower their sperm count. Girls will have children with central nervous system birth defects. The program states that



The packaging for "Keep Off the Grass."

marijuana is physically addictive and implies that it causes cancer.

At one point, "Keep Off the Grass" asks: "Some people believe that marijuana should be legalized in order to concentrate our efforts against such drugs as heroin and cocaine. Do you agree?" Answer "Yes," and the program responds, "Wrong! If you agree with this, you haven't learned about marijuana's effects." This is typical of the one-sided and manipulative view

passed off by Substance Abuse as "educational" and "nonjudgemental." I'm scared to think what this company has to say about alcohol, cocaine, psychoactive drugs and AIDS in its other programs.

A subtler and less preachy message can be found in "Drug Alert" (Apple II), which comes from Mindscape, a popular entertainment software publisher. The strategy here is to teach kids about the evils of drugs while sucking them into an adventure-style game. Your friend Pat Slider, it seems, is hooked on an unknown narcotic and trapped in a doper's shooting gallery. In order to get out of the building, you have to find the 40 or so drugs scattered about inside, burn them and then figure out what chemical Pat is high on. Along the way, you learn symptoms, medical implications, history and street names of various drugs.

Mindscape says "Drug Alert" is "action-packed," but as a game it's pretty dull, with minimal graphics and sound. Despite the fact that the program classifies marijuana as a hallucinogen, you *will* learn a thing or two about such lesser-known drugs as talvin, moludar, ketamine, placidyl and dorden.

At the other end of the software spectrum are Epyx's "L.A. Crackdown" and Broderbund's "Operation: Clean Streets"—both conventional computer games that use drugs for their

drugs, but I've seen young people get carried away on it. It's not harmless. Being a child of the '60s and '70s, I guess I would've had a different opinion some years ago. Now I see the minuses as well as the pluses. It's like nuclear power. Now we're seeing the downside.

"I've known friends and relatives who are in Narcotics Anonymous. Real tragedies. Now they're rebuilding their lives. But you can't make a game out of that. I've always wanted to do a drug game. I used to fantasize during the counterculture days about being a dope smuggler. Now the fantasy is to be a narc. It becomes Rambo-esque when translated to video."

Though the message of *Narc* is clearly, "say no," Jarvis' liberal sentiments are apparent in the game. For instance, you get more points for busting a dealer and sending him to jail than killing him. But, he admits, "The whole fantasy is being a narc and not having to worry about reading dealers their rights. *Narc* has a quick judicial system. It's like what Elliot Ness used to say when he was asked how he felt about booze. His answer always was, 'It's against the law.' These days, that's how I feel about drugs." ●

storylines. In "Crackdown" (IBM, Apple II, Commodore 64/128), a gang of ruthless international drug racketeers are smuggling samadhi, a made-up hallucinatory synthetic narcotic, from Hong Kong. You're a senior detective on the LAPD whose mission is to track down enough evidence to arrest the kingpin in a sting. From the safety of your surveillance van, with its state-of-the-art video screen, you direct all operations. The rough stuff is carried out by your partner, a rookie straight out of the Police Academy. He questions suspected underworld contacts, gathers clues, plants bugs, tails suspicious characters, makes arrests and photographs evidence.

"Clean Streets" (IBM, Amiga, Atari ST) requires less brainwork. You're an undercover cop named Cleanup Harry, responsible for singlehandedly wiping the city dry of pushers and punks. Drugs are beside the point here; this is really a martial arts game. Mostly you get to flail on the joystick a lot—kicking, punching and dodging—while creeps attack from all sides. The action's pretty good and the 3-D animation looks sharp.

In the long run, though, computer game players in search of a genuine electronic high will probably find all of the above unsatisfying. But until *HIGH TIMES* puts out its own computer game, these programs and *Narc* (see "Narc Invades Arcades") will have to do. ●

by Ed Rosenthal

OUTLAW NATION

THE ACCOUNTANT SOCIETY: AMERICA BY THE NUMBERS

Today, only one American company, Zenith, manufactures TV sets in this country. Despite Lee Iacocca's remarks about industrial policy, Chrysler, which he is CEO of, pushes sales of the imported Colt, manufactured by Mitsubishi. Now all the domestic car companies have followed suit.

Since World War II, American manufacturing corporations have changed their operational ideology. Rather than increasing manufacturing capacity domestically to meet increased demand, they have relied on imports, which they re-label.

The generally-accepted explanation for this is that America is going beyond the industrial manufacturing age, symbolized by a smokestack. It is entering the information age, symbolized by a computer chip, which can store vast amounts of data. Another theory is that the economy is becoming service rather than manufacturing-oriented. I suppose this could be symbolized by a pair of golden arches.

A quick glance at some statistics indicates that our economy is doing well. Unemployment is at the lowest level in a decade, the trade and budget deficits are decreasing, more goods are being exported and the currency is holding strong on the world markets.

The reality, however, is that the economy is adrift in dangerous waters. The budget deficit—\$125 billion this year—is fueling the economy. Without the extra money to stimulate it, the economy would actually be stagnating. An analogy is a person who borrows money: For a while he can live well on borrowed funds, but the money must be returned at some point. When the repayment starts, belt-tightening ensues.

American manufacturers often blame high wages paid in the States—the average US worker earns, in real dollars, about the same as he did 15 years ago—as the reason for their flight overseas. This is just not true. While wages in Japan and Germany are close to American levels, these countries are scoring terrific surpluses. The real answer is a bit more complicated.

The most obvious culprit is our tax laws, which often make it advantageous for a firm to manufacture overseas and import from a foreign subsidiary. As long as taxes are structured this way, corporations will have an incentive to abandon factories in the United States.

But the most serious roadblock to American industry is the corporate structure itself. Publicly-held corporations

(with traded shares) are driven by the bottom line (profits). Focusing on long-range goals requires substantial investment for a large pay-off years down the road. This, of course, lowers the present profit, dividends to shareholders and, ultimately, the price of the stock. With lower share prices, the corporation is vulnerable to takeover. Since it's in management's interest to keep shareholders happy and stock prices high, the corporation allocates resources to short-term goals. As a result, US corporations spend significantly less on research and development than do our major overseas competitors.

With short-term profits the goal, accountant-types are often chosen to run US corporations. Manufacturing, considered the fast-track to nowhere, is replaced by trading and marketing. Alas, innovation is relegated to entrepreneurs working outside of the corporate structure.

Most of the truly creative, innovative products developed in America emanate from these entrepreneurs. Personal computers were invented by a couple of young computer freaks named Steve—but neither Jobs nor Wozniak are still associated with Apple. Most of the biotech companies are relatively small start-ups. MCI was a start-up company.

Once an entrepreneur's product is marketed, the company either becomes a large player in the field or is bought out by a giant corporation. When Celestial Seasonings, originally marketed to health-food stores, decided it couldn't compete with the mass-market tea companies, the owner sold out to Procter and Gamble. The teas, now with "flavorings" added, suddenly found space on supermarket shelves.

The term "Yankee ingenuity" symbolized the hands-on technology that America was famous for in the 19th and first half of the 20th centuries. Because the nation was busy manufacturing, people had an incentive to tinker. New technology developed as a result of this process. Had the nation been importing its manufactured goods then, the inventions which drove America would not have happened. That is the danger we as a country face now.

America has always been spurred by technology. The "information agers" have forgotten that information is not just communicated or transferred; it has to be developed or created first. To create innovation, the country must manufacture what it uses. If it is left to others, America will be left behind. ●

PEYOTE DREAMS—Two Oregon members of the Native American Church, fired and denied unemployment compensation for using peyote at religious ceremonies, will soon have their case heard by the US Supreme Court. In October, the Oregon Supreme Court ruled that the constitutional rights of Alfred Smith and Galen Black to freely practice their religion had been violated. The US Supreme Court will either support or overrule that decision.

PEE TESTS—Senator Alphonse D'Amato (R-NY) wants *all* teenagers tested for drugs. Before they're allowed to get driver's licenses, play on school athletic teams or attend college, he'd have them fill up a piss cup. If D'Amato gets his way, students not only will have to worry about passing SAT tests, but PEE tests as well.



DON'T BE CRUEL—A bunch of stuffy politicians are blocking Elvis Presley's rightful place in philatelic history. They contend his rumored drug abuse is sufficient cause to stop the much-awaited Elvis stamp. Speaking in behalf of the King, Pat Geiger said: "If you're going to wait for a perfect man, you will never issue a stamp." Well put, Pat.

SPIKE SPREE—Environmental activists in the Northwest have cut into the Forest Services pot-plant seizure efforts. By driving metal spikes into trees, they destroy loggers' saw blades and hopefully discourage the ravaging of the nation's dwindling forests. Ed Few of the Forest Service conceded, "Had we not been having to deal with environmental activists and tree spiking, we would have been able to do a better job at dope eradication."

QUICK FLASHES



CHEF MARTHA DEFENSE—Martha Washington, the late wife of the father of our country, was a predecessor of our own Chef Ra in the field of cooking with cannabis. Claiming that Martha was "world-renowned for her tea and cakes, which had ground up hemp buds in them," Fred "Red Bud" Greene spilled the beans on the naughty first lady when he was nabbed with four kilos in Nashville, Tennessee. Half-Cherokee Indian, "Red Bud" asked a Federal judge to dismiss the charges on the grounds that his constitutional right to religious freedom—in this case, the ritual use of marijuana—was violated.

KEMP IS A DOPE—Bush's Secretary of Housing and Urban Development, Jack Kemp, has pledged to evict drug dealers and users from public housing projects. In a March memo to the nation's 3,300 public housing authorities, Kemp said, "I intend to assist you and law-abiding residents in eliminating this plague from public housing." Florence Roisman, a lawyer with the National Housing Law Project, responded: "Does Mr. Kemp have some magic way to find out who these people are? The issue is not whether people should be dealing drugs, but how to decide if someone really is a drug dealer."

GO TO YOUR ROOM!—In its first actual operational test, a small prototype of the Biosphere II in Oracle, Arizona (see January '88 HIGH TIMES) successfully housed and supported a young marine biologist for five days. Twenty-nine-year-old Abigail Alling's short stay in the 529 square-foot, totally self-contained environment (during which all air and liquids were recirculated, and only food grown earlier inside the module was eaten) paved the way for a much larger test scheduled for sometime in late 1990, when eight scientists will spend two years locked in a 2.5 acre biosphere. (LS)

LICK ON THIS, SUCKER—Dr. Sidney M. Wolfe, director of the Public Citizen Health Research Group, has asked that the FDA halt tests of downer-dosed lollipops, meant to calm cranky kids on their way to surgery. The grape-flavored sedatives are laced with fentanyl, a synthetic opiate that Dr. Wolfe noted "is already a leading drug of abuse among health professionals and street users." Most disturbing to Wolfe, however, was the "inappropriate" message a candy-disguised narcotic clearly imparts to the drowsy, purple-tongued little suckers. (LS)

CAN WE STILL PLAY OUR OZZY ALBUMS?—A group of Pennsylvania legislators are preparing a bill that will put an end to the rampant satanism, in their fine state. The bill, known as the Satanic Rituals and Practices Prohibition Act, is being drafted to "protect the health and safety of the people of Pennsylvania from the menace of the organized, ritualistic social glorification of Satan...." The "ritualistic consumption of human and/or animal blood intermixed with urine and/or feces" will be against the law if these legislators get their way.



LO-POT DIET—"Tubby" Tina Usinger of Kensha, Wisconsin was told in February that she could either lose 100 pounds or pay a \$500 fine as punishment for being found guilty of pot possession. The 265-pound Usinger's probation officer thought an improved self-image might prevent her from breaking the law again.

LATE NIGHT WITHOUT DAVE—Margaret Ray made another uninvited visit to David Letterman's humble Connecticut abode in February. This time Ray was busted for pot and paraphernalia, along with trespassing. Last year, Ray, impersonating Dave's wife (he's single), moved into his house with her son when Letterman was out of town. She stayed for a few days and borrowed Dave's Porsche. Police picked her up when she couldn't pay a \$3 toll.

TRANS-HIGH MARKET QUOTATIONS

Mesa, AZ

Mexican "total dirtweed," **\$20** 1/4-oz; **\$60** oz; **\$600** lb.

Green buds "all buds; no seeds; great high," **\$40** 1/4-oz; **\$100** oz; **\$1000** lb.

'Shrooms "good Arizona grown stuff," **\$4-5** gm.

LSD: windowpane "if you can find it," **\$7-10** a hit.

Coronado, CA

BB-19 "incredible; potent new hybrid; watch out, Skunk #1!" **\$300** oz.

Indica "indoor hydro grown; not for connoisseurs; harsh chemical taste," **\$180** oz; **\$400** 1/4-lb; **\$1900** lb.

Sativa "killer; well cured; crystallized tops," **\$100** oz; **\$250** 1/4-lb; **\$700** lb.

Hawaiian/Nigerian F2 "two people cannot finish a joint; this is as strong as it gets—no shit!" **\$310** oz.

BB buds (F7 hybrid) "these buds keep getting better and better; unbelievable," **\$70** 1/4-oz.

Colombian *sativa* "very stoney buds; mild citrus taste; good for commercial dope," **\$90** oz; **\$220** 1/4-lb; **\$700** lb.

Santa Barbara, CA

Brown Mexican "scraggly buds with seeds and stems," **\$35** 1/4-oz; **\$100** oz.

Green buds "a few seeds; short, fuzzy high," **\$45** 1/4-oz; **\$160** oz.

LSD: globes "bunk," **\$3** a hit.

LSD: liquid "slow acting; silly high," **\$3** a hit; **\$75** for 120 drops. 'Shrooms "awesome; fat caps; blue stems,"

\$25 1/8-oz; **\$45**

1/4-oz; **\$175** oz.

Colorado Springs, CO

Killer closet clones "for the select few; no seeds; all bud," **\$35** 1/4-oz; **\$120** oz.

Commercial Colombian "seedy; shaky; does the job," **\$30** 1/4-oz; **\$80** oz;

\$275 1/4-lb; **\$800** lb.

'Shrooms "pretty intense; a little expensive," **\$8** gm; **\$35** 1/4-oz.

Hash "dark green; hard to find," **\$8** gm. Cocaine "fair stuff; plenty of rocks," **\$20** 1/4-gm; **\$75** gm.

Torrington, CT

Green buds "unknown variety; weigh them before you buy them," **\$60** 1/4-oz.

'Shrooms "damn good," **\$30** 1/8-oz; **\$55** 1/4-oz.

Newark, DE

Green sinse bud "cerebral buzz; excellent, but getting scarce," **\$45** 1/4-oz.

LSD: white blotter "a rare find after the drought; great doses; very clean," **\$2.50** a hit.

St. Petersburg, FL

LSD: Looney Tunes "excellent trip; nasty taste after drop," **\$5-6** a hit; **\$300** a sheet. LSD: globes "good trip; low supply," **\$5** a hit; **\$250** a sheet.

Indianapolis, IN

Indica "limited to those in the know," **\$50** 1/4-oz.

Humboldt County skunk "prime kolas," **\$60** 1/4-oz.

Compressed Mexican "strong; reddish; fast seller," **\$40** 1/4-oz;

Send quotations to: THMQ, 211 E. 43rd St., New York, NY 10017. THMQ is intended solely for informational purposes. All entries should be typed or neatly written: If you are unable to compose a legible entry after testing your samples, please wait until you have control of your penmanship before sending us your information. Marijuana is listed by 1/4-ounce, ounce and pound prices only. Don't bother sending prices for hard drugs. Prices in this issue are current as of March 23rd, 1989.

Dear Readers: Trans-High Market Quotations is NOT a mail-order service. Please DO NOT attempt to order items which appear in THMQ from the HIGH TIMES office. 'Cuz we DON'T sell 'em! —Edie Barrett

\$150 oz.

Red bud "burns throat raw; nice stone, though," **\$30** 1/4-oz; **\$100** oz.

Brown commercial bud "I hate this stuff," **\$25** 1/4-oz; **\$90** oz. Black Afghani hash **\$10** gm.

'Shrooms "dry and far between," **\$7** gm.

LSD: liquid "for that inward buzz!" **\$8** a dose.

LSD: green blotter, rainbow windowpane "hope you're not busy for a few days," **\$5-8** a hit.

Valparaiso, IN

LSD: windowpane gel "just when you think you've got it figured out, this stuff kicks your ass," **\$3-4** a hit. LSD: musical notes "so big you almost choke on 'em," **\$3-4** a hit.

LSD: "steady, stay-with-it trip; kind of mellow," **\$3** a hit.

LSD: blotter "a swell trip, but it takes a lot out of you," **\$3** a hit.

Indica "from Oakland," **\$70** 1/4-oz; **\$280** oz.

Skunk "sticky, stinky, and stoney; tastes like oranges," **\$35-40** 1/4-oz; **\$160** oz.

Mt. Pleasant, MI

Williams Wonder "hydro grown; three hits is all you'll want," **\$40** 1/4-oz.

Indica pepperweed "leafy; very resinous; smooth smoking," **\$50** 1/4-oz.

Mexican brickweed "not too bad of a buzz; very harsh," **\$35** 1/4-oz.

Green *sativa* "good taste and buzz; stemmy," **\$40** 1/4-oz.

Compressed green "very hashy tasting," **\$40** 1/4-oz.

LSD: clowns, rainbows, white blotter **\$2-5** a hit.

Parlin, NJ

Humboldt County *indica* hybrid "seedy; strong; overpriced and overrated," **\$75** 1/4-oz; **\$280** oz.

Hawaiian *sativa* sinsemilla "excellent, sweet smoke," **\$75** 1/4-oz; **\$300** oz.

Thai weed "seedy buds; harsh taste; sleepy, boring buzz," **\$60** 1/4-oz; **\$240** oz.

Arkansas *indica*/*sativa* sinsemilla "creeping, long-lasting high; limited quantities," **\$60** 1/4-oz; **\$220** oz.

Black Afghani hash

"good taste; intense, but not long-lasting," **\$10** gm; **\$180** oz.

Mexican sinsemilla "tight, dense buds; lacks good curing and drying; so-so taste," **\$50** 1/4-oz; **\$175** oz.

'Shrooms "excellent; contact busted, though; don't talk drugs on the phone," **\$50** 1/4-oz.

Ruidoso, NM

Skunk "common; overpriced," **\$30** 1/4-oz.

Chet weed "good green Mexican *sativa*," **\$22.50** 1/4-oz.

'Shrooms "freeze dried," **\$25** 1/4-oz. LSD "rare," **\$5-10** a hit.

Columbus, OH

Indica "very high grade; like a taste of the early '80s," **\$240** oz.

Afghani hash bud "not for novice tokers; 22% THC; look out!" **\$500** 1/4-lb.

Sativa "very sweet; almost seedless; good, mind-expanding stone," **\$150** oz; **\$1450** lb.

Fort Worth, TX

Indica/sativa "nice bricks; high potency; well worth the money," **\$325** 1/4-lb. Sinsemilla "if you know the right people, the price is always right; smooth, soaring high," **\$225** 1/4-lb.

LSD: dancing test tubes "outta sight; big hit—take half!" **\$3-4** a hit.

St. Johnsbury, VT

Skunk #1 "cripple weed; almost hippie; indoor grown," **\$50** 1/4-oz; **\$200** oz. Colombian green

"tight buds; white fuzz; I think I'm gonna drool," **\$45** 1/4-oz; **140** oz.

Jamaican greenbud "mellow buzz; harsh smoke; definitely not for the lungs," **\$40** 1/4-oz; **\$130** oz.

Vermont green sinse "homegrown; high price; well worth it for the buzz," **\$45** 1/4-oz; **\$135** oz.

Vermont brown dirtweed "very prolific; all bulky leaf shake; only dumbfucks buy this, and they think they're getting a good deal," **\$50** 1/4-oz.

Black hash "very rare; high demand; comes across the 49th parallel," **\$10** gm.

LSD: gooney birds, clowns, globes, white blotter "same shit, same trip," **\$6** a hit; **\$225** a sheet.

'Shrooms "the natural way to trip; straight from the Dead shows," **\$7** gm; **\$50** 1/4-oz.

Huntington, WV

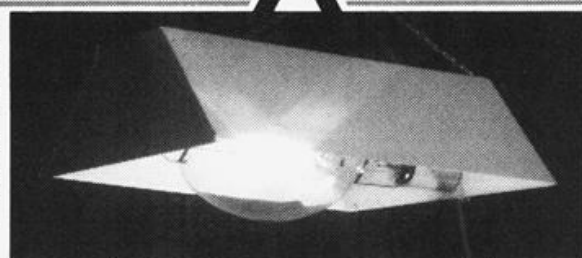
Colombian "good to excellent; expensive," **\$75** 1/4-oz; **\$275** oz. Skunk #1 "local grown; very good" **\$40** 1/4-oz; **\$160** oz.

West End weed "oh, my god! I don't know what this shit is, but it kicks ass," **\$60** 1/4-oz; **\$240** oz.

Killer *sativa* "so debilitating I thought McGruff was watching me through the TV," **\$65** 1/4-oz; **\$250** oz.

'Shrooms "okay to medium trip; too expensive," **\$8** gm. LSD: blotter, purple pyramids, microdot "lots to go around," **\$4-5** a hit.

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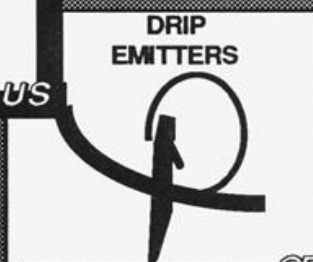
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REAGAN COURT FAILS PISS TEST

by C.R. Jones

Ronald Reagan may be sleeping soundly on his ranch in California, but his infamous legacy lives on. In two decisions announced in March, the Supreme Court, led by Reagan appointee Anthony Kennedy, decided that the testing of public employees, under limited circumstances, is constitutional. However, the two opinions indicated that the Court would not support random testing of all public employees.

In a 7-2 decision, the Court upheld the legality of a 1985 regulation that subjects all crew members of trains involved in serious accidents to mandatory drug testing. The Court stated that the regulation was a "reasonable" and "effective" way of protecting the public from the dangers of railroad employees "impaired" by drug use. In their dissent, Justices Thurgood Marshall and William Brennan argued that the Court was "swept away by society's obsession with stopping the scourge of illegal drugs."

In the other decision, the Court, by a 5-4 vote, said it was constitutional for the US Customs Service to require drug testing of new employees and employees who sought transfers or promotions to jobs whose responsibilities included the interception of drugs and the carrying of firearms. The Customs case sparked a surprising defense by Reagan appointee Antonin Scalia (Marshall, Brennan and John Paul Stevens also dissented), who wrote: "Symbolism—even symbolism for so worthy a cause as the abolition of unlawful drugs—cannot validate an otherwise unreasonable search."

Although it permitted the testing of limited categories of employees, the Court did not fully support Reagan's 1986 Executive Order, which sought random testing of all public employees. In the Customs case, for instance, the Court denied Attorney General Dick Thornburgh's requests for piss-tests of baggage clerks, messengers and lawyers and instructed the Court of Appeals to reexamine the question of whether the testing of these employees was necessary—as was believed in the railroad workers' case.

The bad news for public employees is if their job has anything to do with the public safety, they'll be peeing in a cup. But the good news is that most public employees push pencils and hence are not involved in public-safety situations. For now, they—meaning most public workers—should be spared the humiliation of drug testing.

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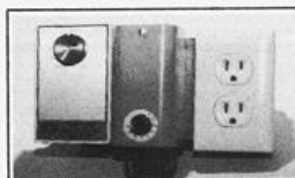
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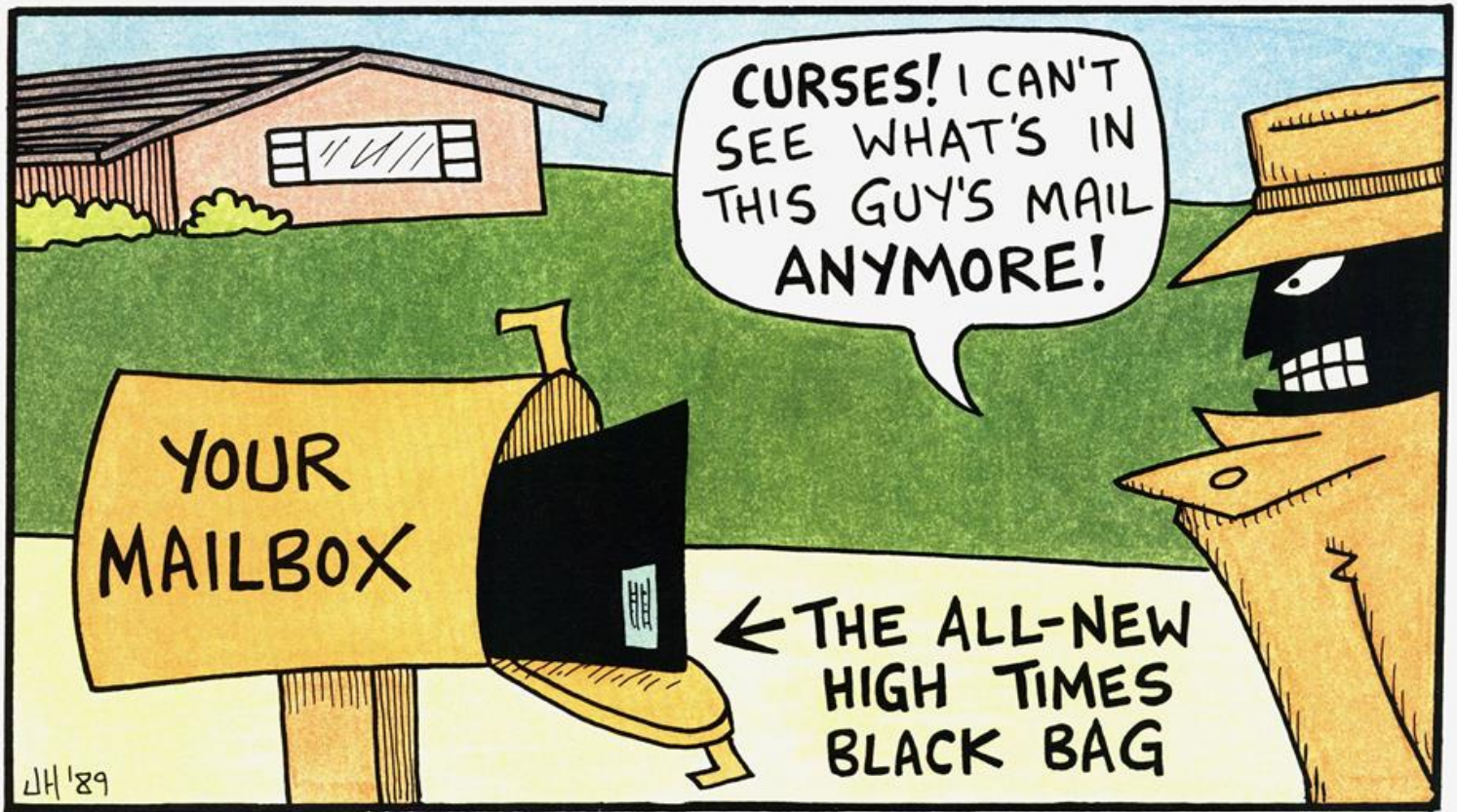
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CAN POT SAVE THE WORLD? PART II

CANNABIS, also known as: Cannabis hemp, Indian (India) hemp, true hemp, muggles, pot, marijuana, reefer, grass, ganja, bhang, etc., all refer to the *same* plant.

The facts cited herein are generally verifiable in the *Encyclopedia Britannica* which was printed primarily on paper produced from and or with cannabis hemp for over 150 years. However, any encyclopedia (no matter how old) or good dictionary will do for general verification purposes.

by Jack Herer

In 1619, America's first marijuana law was enacted at Jamestown Colony, Virginia, "ordering" all farmers to grow ("make tryal of") Indian hemp seed. More must-grow-hemp laws were enacted in Massachusetts in 1631, and in Connecticut in 1632. Even in England, the much sought-after prize of full British citizenship was bestowed by a decree of the crown on foreigners who would grow cannabis and fines were often levied against those who refused.

Cannabis hemp was legal tender (money) in most of the Americas from 1631 until the early 1800s. Why? To encourage American farmers to grow more.



You could pay your taxes throughout America with cannabis hemp for over 200 years.

You could even be jailed in America for *not growing* cannabis during several periods of shortage, e.g., in Virginia between 1763 and 1767.



George Washington and Thomas Jefferson grew cannabis on their plantations. Jefferson, while envoy to France, went to great expense, and even considerable risk to himself and his secret agents to procure particularly good hemp seeds smuggled illegally into Turkey from China. The Chinese Mandarins (political rulers) so valued their hemp seeds that they made their exportation a capital offense.

The United States Census of 1850 counted 8,327 hemp "plantations" (minimum 2,000-acre farms) growing cannabis hemp just in the South, primarily because of cheap slave-labor prior to 1865 (for the labor intensive hemp industry) This figure does not include the *tens of thousands* of smaller farms growing cannabis, nor the *hundreds of thousands*, if not *millions*, of personal "family" hemp patches in America; nor that 80 percent of America's hemp consumption for 200 years still had to be imported from Russia well into this century.

The body of literature (archaeologists, artifacts, philologists, historians, etc.) is in general agreement...

For more than 1,000 years before the time of Christ until 1883, cannabis hemp—nee, marijuana—had become and was to remain, continually, our

planet's largest agricultural crop and most important industry; producing fiber, fabric, lighting oil, food, incense, and medicines in thousands upon thousands of products and necessities.

It was also one of the seven, or so, most widely-used (mood-, mind-, or pain-altering) drugs taken as psychotropic sacraments. These sacred (drug) experiences became, and still are, part of the very foundation of virtually every single one of our superstitions, amulets, talismans, religions, prayers, and language codes, almost without exception.

To illustrate the continuing importance of hemp to the human race 3,000 years later:

The famous 17th century Danish astronomer Christiaan Huygens reasoned that Galileo's discovery of the four moons around Jupiter were probably "mariners' aids (like our own moon), and therefore, Jupiter's people probably had to grow cannabis for its ships." His theory was included in astronomy teachings, books, and theories until this century.



Great wars were fought to insure the availability of hemp.

For example, one of the primary reasons for the War of 1812 that America fought with Great Britain was over "Russian" cannabis hemp. Russian cannabis hemp also was the prime reason that Napoleon (our 1812 ally) and his "Continental Systems" allies invaded Russia in 1812.

Why all this in history about Cannabis/Marijuana?

Cannabis hemp is the strongest,

most durable, longest-lasting natural fiber on the planet, and its leaves and flower tops (marijuana) were the first, second, or third most important and used medicines by two-thirds of the world's people for at least 3,000 years, until the turn of this century.



For example, in the United States, varying marijuana and hashish extracts were the second or third most prescribed medicines from 1842 until the 1890s. Its legal medicinal use continued through the 1930s for humans, and figured even more importantly in veterinary medicines during this time.

Cannabis extract medicines were produced by Eli Lilly, Parke-Davis, Tildens, Brothers Smith (Smith Brothers), Squibb, and many other American and European companies and apothecaries. There was during all this time not one reported death from cannabis extract medicines, and virtually no abuse or mental disorders reported, except for first-time or novice-users occasionally becoming disoriented or overly introverted.

From these industrial and medical uses comes this sampling of its importance:

Ninety percent of all ships' sails (since before the Phoenicians, from at least the 5th century B.C. onward) until long after the invention and commercialization of steam ships (mid-to-late-19th century) were made from hemp. The other ten percent was usually flax or minor fibers like ramie, sisal, jute, abaca.

The word "canvas" is the Dutch pronunciation, twice removed from the French and Latin, of the Greek root word "Kannabis."

Besides the sails, virtually *all* of the rigging, anchor ropes, cargo nets, fishermen's nets, flags, shrouds, and "oakum" (this planet's main sealant for ships against salt water for use between loose or green beams) were made from the stalk of the marijuana

plant since time out of mind until this century.

Even the sailors' clothing, right down to the stitching in the seamen's rope-soled and (sometimes) "canvas shoes," were crafted from cannabis hemp.

An average cargo, clipper, whaler, or naval ship of the line, in the 16th, 17th, 18th, or 19th centuries carried 50 to 100 tons of cannabis hemp rigging, not to mention the sails, nets, etc., and needed it all replaced every year or two due to salt rot.

In addition to this, the ships' charts, maps, logs, and Bibles were generally made of hemp-fiber paper from the 15th century (time of Columbus) on, until the early 1900s in the Western European/American World, and by the Chinese from the first century A.D. on.

Hemp paper lasted 50 to 100 times longer than most preparations of papyrus, and was a hundred times easier and cheaper to make.



Eighty percent of all mankind's textiles and fabrics for clothes, tents, linens, rugs, drapes, quilts, bedsheets, towels, diapers, etc., for 2,000-plus years, including our flag, "Old Glory," were made principally from cannabis fibers until the 1820s in America and until the 20th century in most of the rest of the world.

The 1893, 1910 *Encyclopedia Britannica*s indicate, and in 1938, *Popular Mechanics* estimated, that at least half of all the material that has been called linen was not made from flax, but from cannabis. Herodotus (c.450 B.C.) describes the hempen garments made by the Thracians as equal to linen in finesse and that "none but a very experienced person could tell whether they were of hemp or flax."

When the patriotic, real life, 1776 mothers of the now 1989, blue-blood, "Daughters of the American

Revolution," of Boston, New England, etc., organized "spinning bees" to clothe Washington's soldiers, the majority of the thread was spun from hemp fibers; were it not for the historically forgotten (or censored) and currently disparaged marijuana plant, the Continental Army would have frozen to death at Valley Forge, Pennsylvania.

The covered wagons went west (to Kentucky, Indiana, Illinois, Oregon, and California) covered with sturdy hemp canvas tarpaulins; while ships sailed around the "Horn" to San Francisco on hemp sails and ropes; homespun cloth was almost always spun from the "family" hemp patch until after the Civil War, and into the early 1900s, by Americans and the world. The original heavy-duty famous *Levi* pants were made for the California '49ers out of hempen sailcloth and rivets. In the 1930s Congress was told by the Federal Bureau of Narcotics that many Polish-Americans still grew pot in their backyards to make their winter "long johns" and work clothes, and greeted the agents with shotguns for stealing their next year's clothes.

By the late 1820s, the American-invented (1793, Eli Whitney) hand cotton gins were replaced mostly by European-made "industrial" cotton gins and looms because of their (Europe's) primary equipment-machinery-technology (tool and die making) lead over America; the Whitney cotton gins allowed light cotton "clothing" to be produced at less cost than *hand* retting (rotting) and *hand* separating hemp fibers, that was then *hand-spun* on spinning wheels and jennys.

However, because of its strength and long-lasting qualities, hemp continued to be the *second-most-used* natural fiber until the 1930s. (In case you're wondering, there is no THC or "high" in hemp fiber. That's right, you can't smoke your shirt.) It was replaced (after the 1937 law) mostly by new DuPont "plastic fibers" under license of 1936 German I.G. Corporation patents. (Thirty percent of Hitler's I.G. Corps, i.e., Farben, was owned and financed by America's DuPont.)

Seventy-five to ninety percent of all paper in the world was made with cannabis hemp fiber until 1883; Bibles, books, maps, paper money, newspapers, etc., including the Gutenberg Bible (15th century); *Pantagruel and the Herb*

Pantagruelion, Rabelais (16th century); King James Bible (17th century); Thomas Paine's pamphlets: *The Rights of Man*, *Common Sense*, *The Age of Reason* (18th century); the works of Fitz Hugh Ludlow, Mark Twain, Victor Hugo, Dumas, Lewis Carroll's *Alice in Wonderland* (19th century); and just about everything else was printed on hemp.



The first draft of the Declaration of Independence (June 28th, 1776) was written on hemp paper, as was the second draft completed on July 2, 1776, as was the document actually presented to Congress and approved on July 4, 1776.

On July 19, 1776, Congress ordered the Declaration be copied and engrossed (written in long hand) on parchment (a prepared animal skin) and was actually signed by the delegates on August 2, 1776.

Benjamin Franklin started one of America's first paper mills with cannabis. This allowed America to have a free colonial press without having to beg or justify paper and books from England.

What we (the colonial Americans) and the rest of the world used to make all our paper from was the discarded sails and ropes sold by ship owners as scrap for recycling into paper. The rest of our paper came from our worn-out clothes, sheets, curtains, diapers, and rags (hence the term "rag paper"), made primarily from hemp and sold to scrap dealers. Our ancestors were too thrifty to throw anything away, so, until the 1880s, any remaining scraps and clothes were recycled into paper.

From this recycled hemp virtually all schoolbooks, Bibles, encyclopedias, first edition bound novels, books, and paper money were made until the early 1900s. US government papers, by law, were

written on hemp until the 1920s.

It is generally believed by scholars that the early Chinese knowledge, or art (First Century A.D., on) of hemp papermaking (800 years before Islam discovered how, and 1,200 to 1,400 years before Europe), was one of the two chief reasons that Oriental knowledge and science were vastly superior to that of the West for 1,400 years. Thus, the art of long-lasting hemp paper-making allowed the Orientals' accumulated knowledge to be passed on, built upon, investigated, refined, challenged and changed... generation after generation (in other words, cumulative and comprehensive scholarship). The other reason that Oriental knowledge and science sustained superiority to that of the West for 1,400 years was that the Roman Catholic Church forbade reading and writing for 95 percent of Europe's people; in addition, they burned, hunted down, or forbade all foreign or domestic books—including their own Bible!—for over 1,200 years under the penalty and often-used punishment of death. Hence, historians term this period "The Dark Ages."



Seventy to ninety percent of all rope, twine, and cordage was made from hemp until 1937 (replaced mostly by petrochemical fibers owned principally by DuPont under license from Germany's I.G. Corporation patents, and Manila (Abaca) Hemp, with steel cables intertwined for strength, from our new (1898) far-Western-Pacific Philippines possession).

The Rembrandts, Van Goghs, Gainsboroughs, etc., were principally painted on hemp canvas, as were virtually all canvas paintings.

"Hemp is the *perfect* archival medium."

For thousands of years virtually all

good paints, varnishes, and shellacs were made with hemp seed oil. (National Institute of Oilseed Products testimony before congress "against" the 1937 Marijuana Transfer Tax Law.)



For instance, in 1935 alone, 116 million pounds (58 thousand tons) of pot seed were used in America for just paint and shellac. As a comparison, consider that the US Drug Enforcement Agency (DEA), along with all America's state and local police agencies, claim to have seized, for all of 1982, 142 tons of American-grown marijuana (seed, plant, root, dirt clump, and all) (DEA 1983 statistics). Hemp drying oil business went principally to DuPont Petrochemicals.

Until the 1870s hemp seed oil was the second most consumed lighting oil in America and the world, exceeded only by whale oil. It was replaced by petroleum, kerosene, etc., after the 1859 Pennsylvania oil discovery and "Rockefeller's" 1870-on national petroleum stewardship.

In the early 1900s, Henry Ford and other futuristic, organic, engineering geniuses recognized an important point (and their intellectual, scientific heirs still do today): up to 90 percent of *all* fossil fuel used in the world today (coal, oil, natural gas, etc.) can, would, and should have long ago been replaced with cellulose such as: cornstalks, cannabis, waste paper, and the like, converted to methane and methanol at 10 percent of the current cost of oil, coal, et al, (even nuclear) and would automatically cleanse our air, end smog and reverse the carbon dioxide imbalance; and automatically, as a bi-product of its (methanol's) manufacture, create enough glucose to feed 100 percent of all domestic and farm animals. Remarkably, cannabis plants contain more cellulose than that of their next-

highest annual cellulose crop rivals on the planet—cornstalks, sugarcane stalks.



Methanol is used by most race cars today and was used by American farmers and auto drivers routinely with petroleum/methanol options starting in the 1920s, 1930s, and into the mid 1940s to run tens of thousands of auto, farm, and military vehicles, until the end of World War II.



Medically, from 1842 through the 1890s and beyond, extremely strong marijuana and hashish extracts were routinely the second and third most-used medicine in America for humans (from birth, through childhood, to old age) and in veterinary medicine until the 1920s and longer.

As stated earlier... for at least 3,000 years, prior to 1842, widely varying marijuana extracts (leaves, buds, roots, etc.) were the most commonly used "hard-core" real medicine in the world for the majority of mankind's illnesses. However, in Western Europe, the Roman Catholic Church forbade cures, or use of cannabis (or any) drugs (except alcohol and blood letting) for 1200-plus years.

FOOD PROTEIN

Marijuana "seed" protein (as food) was (and still should be) mankind's number one or two finest, most complete and most utilized vegetable protein.

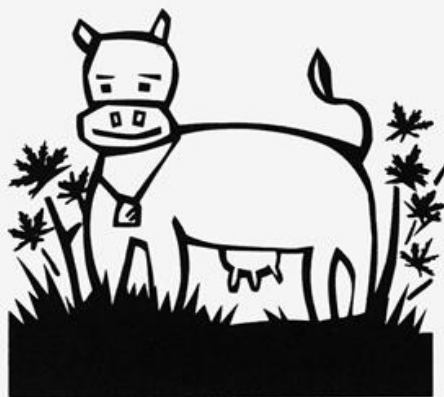
Until 1937 hemp seed was the world's number one bird seed and also the birds' favorite of any seed food on the planet; four million pounds of hemp seeds for songbirds were sold at retail in the United States in 1937.

Congressional testimony, 1937: "Song birds won't sing without it," the bird food companies told Congress. Result: sterilized cannabis seeds were allowed to be imported into the US from Italy and other countries until the 1970s.

There is no modern observable (THC) high from the seed for humans or birds, because only the minutest traces are in the seed.

Until this century, our pioneers and ordinary American farmers used Cannabis to clear fields for planting, fallow year crops, and after forest fires, to prevent mudslides and loss of watershed. Hemp seeds put down a 10 to 12-inch root in 30 days compared to the one-inch root put down by the rye or barley grass allowed by the US Government now. Southern California, Utah, and other States used cannabis routinely in this manner until about 1915.

In 1942, after the Japanese invasion of the Philippines cut off the supply of manila-hemp, the US Government dropped all its new controls on the "evil" weed and distributed 400,000 lbs. of cannabis seeds to American farmers from Wisconsin to Kentucky which produced 42,000 tons of hemp rope annually for the war effort until 1946.



AND

For hundreds, if not thousands of years until the 1830s, Ireland made the finest linens with hemp and Italy made the world's finest cloth for clothing. Virtually every city and town (from time out of mind) in the world had an industry making hemp rope. Russia, however, was the world's largest producer and best-quality manufacturer, supplying 80% of the Western world's hemp from 1740 until 1940.



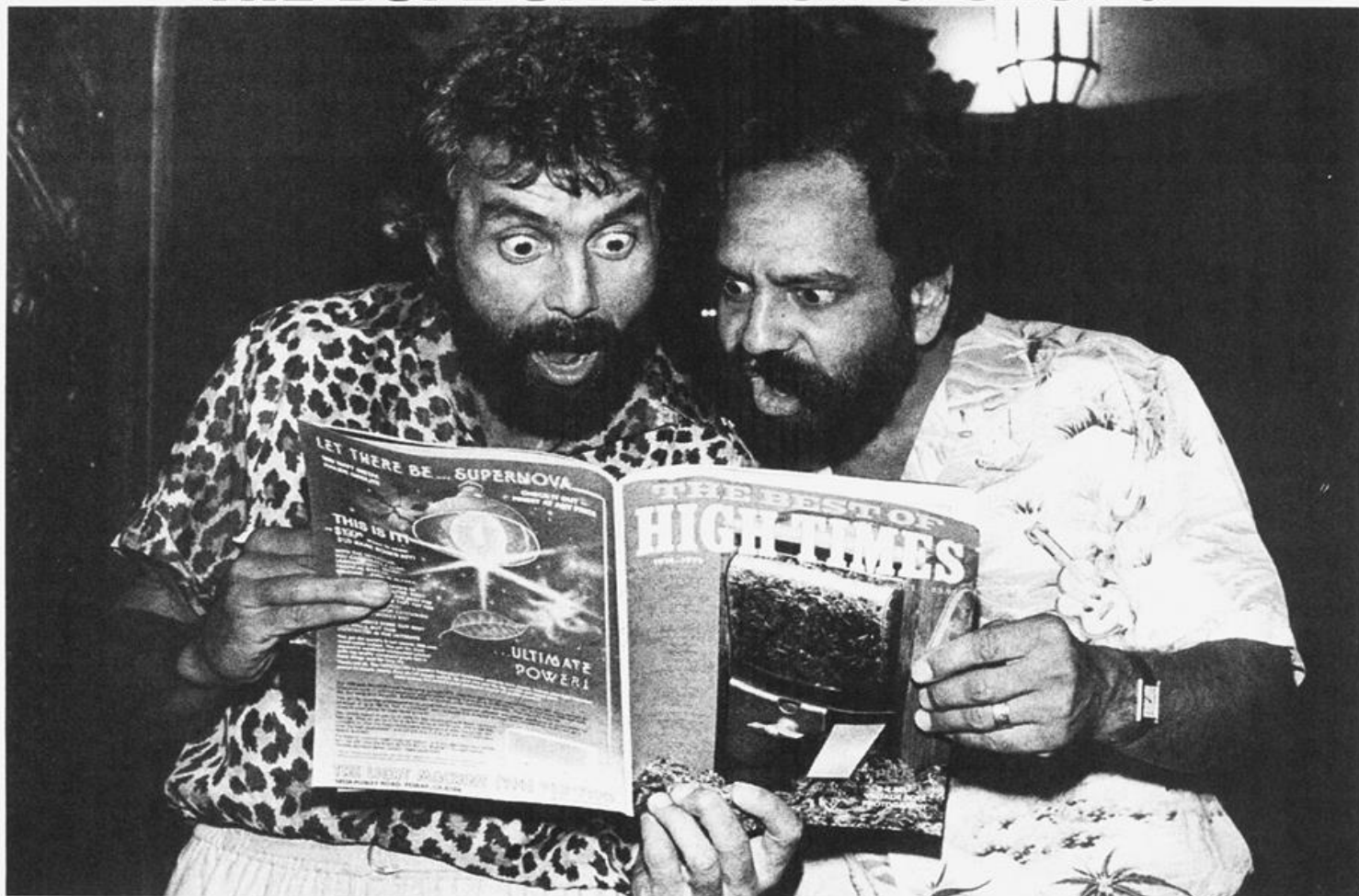
And finally, virtually every shoemaker and shoe on the planet until the 1950s employed cannabis hemp thread in its manufacture and repair.

A cotton shirt in 1776 cost \$100 to \$200, while a hemp shirt cost \$.50 to \$1.00. By the 1830s, cotton shirts were on par with hemp shirts in cost.

In the future, mixing 20% to 50% hemp with 50% to 80% cotton, you would be able to give your shirts, pants, and other clothing to your grandchildren.

China and Italy currently make millions of dollars' worth of sturdy hemp/cotton clothing and fabrics annually. However, cannabis/cotton textiles are not allowed for sale in the US. The Chinese are forced, by tacit agreement, to send us inferior ramie hemp/cottons. (Personal communication of author with National Import/Export Textile Company of Shanghai, April and May, 1983.) ●

THE DOPE ON CHEECH & CHONG



NANCY KAYE

Throughout the '70s and '80s, Cheech and Chong virtually cornered the market on dope humor, getting us high on laughs. After paying their dues in small clubs in Los Angeles, they were discovered by entertainment impresario Lou Adler. In 1970, shortly after opening for the Rolling Stones at the L.A. Forum, their first comedy record, Cheech and Chong, went gold. Potheads flocked to the record stores for a copy of their second LP, *Big Bambu*, worth the cover price if only for the 12-inch rolling paper included in the record sleeve. Their third album, *Los Cochinos*, won a Grammy.

Hot on the heels of their unprecedented recording success, Cheech and Chong made their first film, *Up In Smoke*, which grossed over \$100 million at the box office. Cheech and Chong's *Next Movie* was also a monster hit, and their next three dope comedies, Cheech and Chong's *Nice Dreams*, *Things Are Tough All Over*, and Cheech and Chong *Still Smokin'*, kept their fans

coming back for more. Their last film together, a period piece called *The Corsican Brothers*, was a change of pace because of its total lack of drug references. After that, they parted company.

Now their solo careers have begun to take off. Cheech Marin wrote and directed *Born In East L.A.*, in which he stars as a Mexican/American who gets deported to Tijuana in spite of his US citizenship. He will be starring in *Rude Awakening*, a major feature film to be released this summer. Meanwhile, Tommy Chong is currently working on his first solo effort, *Far Out Man*, also due for release this summer.

Cheech and Chong became an archetype for a generation. During their heyday, any hippie who ate his stash, only to find out that it was just an ambulance behind him and not the cops, laughed and said, "This is something out of a Cheech and Chong movie!"

—Eileen Polk



Tommy Chong Smokin' Solo

Photos and Interview by Eileen Polk

*In his latest film, **Far Out Man**, Tommy Chong plays an eccentric rock star who has achieved wealth and fame, but longs for the lady he lost on the way to stardom. A psychiatrist convinces the **Far Out Man** (played by Tommy), to leave his mountain retreat and go back on the road with a rock band, because that's where he was truly happy. Naturally, a series of wacky adventures ensue. Along the way, there are cameo appearances by Cheech Marin, Rae Dawn Chong, and Martin Mull, among others.*

I went on a quest for Tommy Chong in the beautiful Santa Monica mountains of California. We found him

*scouting locations at Moonfire Ranch, a 600-acre mountain citadel that will be the **Far Out Man**'s hideaway in the movie (see page six), owned by vegetarian activist and New Age composer Louie Moonfire. Louie and Tommy were discussing a **Beggar's Banquet**-type scene at "Hippyland" in which the rock group Dokken plays for the **Far Out Man**'s supper.*

We then headed up country for a photo session. There were some strange green things growing above the snow line. We thought maybe they were pods left over from Invasion of the Body Snatchers.

High Times: When did you first get into comedy?

Tommy Chong: I got into comedy in 1969, a good year. I got out of music because I was fired from Motown. I was in a group called Bobby Taylor and the Vancouvers. He's a singer. In fact, Bobby and I are back together again, after 20 years—he's in *Far Out Man*.

When the group broke up, I went back to Vancouver. My family owned a strip

club. Actually, I owned it, but they managed it for me. When I saw how boring the strippers were, I wrote a show, like a topless improvisational group. It was a real hit.

My main actor quit, so I filled in, and I liked it. I put the word out for actors, and then this mutual friend of Cheech and I got us together. Cheech came down, looked at the show, liked it, and joined up. The club went broke because it

turned into a legit theater and the audience never supported it. Actually, my brother fired us. So Cheech and I came to LA.

HT: Were you doing dope comedy then?

TC: A little bit. Very, very little. Then we came to LA in 1970, determined to make it as comedians. That's when we started doing a little more dope humor. We worked a club in the Valley, a bunch of

white kids and chicanos, and that's where we discovered "Lowrider." As soon as we hit that bit, we had our identity—the outlaw lowrider. You know, a guy in love with his car, and cruising,



and getting stoned, and yelling at girls. My character was a hippie, this lost soul wandering around getting stoned on everything he can find.

Then we played The Troubadour, and Lou Adler saw us. He owned Ode Records, and asked us to cut a record. Adler was a master promotional person. He had us open for the Rolling Stones in the Forum here. We were a big hit, and the record went crazy.

HT: Was your act rehearsed or spontaneous improvisation?

TC: Because our live show was so visual, it was hard to translate on record. We'd just fool around with a tape recorder. That's how we got our very first bit, "Dave's Not Here." We had a brand new tape recorder. I was inside this little theater room on the A&M lot they let us rehearse in. Cheech was outside in the hot, hot sun. He was banging on the door, but the door was locked. I kept saying, "Who is it?" And he kept saying, in character, "It's me, man, it's me." And I wouldn't answer for a long time. I wanted to see how long it would take before he knocked again. Then he'd knock and I'd say "Who is it?" I kept

starting the same thing over and over again. He started getting mad. "It's me, man, let me in." And the third one was the funniest thing we did. He got really pissed, and started screaming. "Quit fucking around man, it's hot out here, let me in!" When he came in, we played it back, and we laughed our ass off.

HT: At any point did you think this was fate—your first meeting with Cheech or your first record?

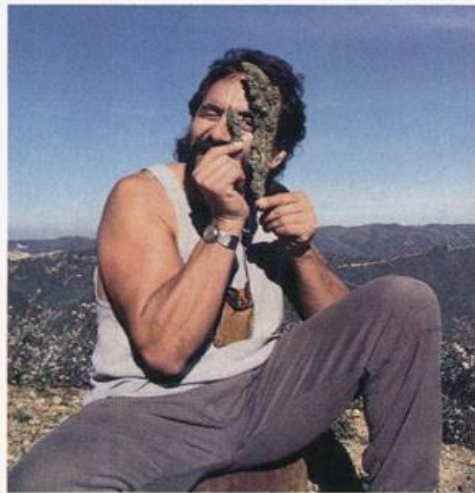
TC: Looking back on it, yeah, it was fate. It was all about the right timing. We were very unique, because we weren't traditional comedians. We came from such a musical background—Cheech was a singer and I was a guitar player—so I never really felt like I was a comedian, I felt I was part of a group.

HT: You have a lot of Jimi Hendrix references in your movies. Is he a favorite of yours?

TC: Yeah. Jimi was the man.

HT: Did you know him?

TC: Yeah, played with him once. We played this little club in London called the Speakeasy. He said (imitates Jimi in a low drawl), "Hey man, can I sit in?" He played bass. It was empty, and we had little Motown suits on at the height of the peacock era, the psychedelic era, so



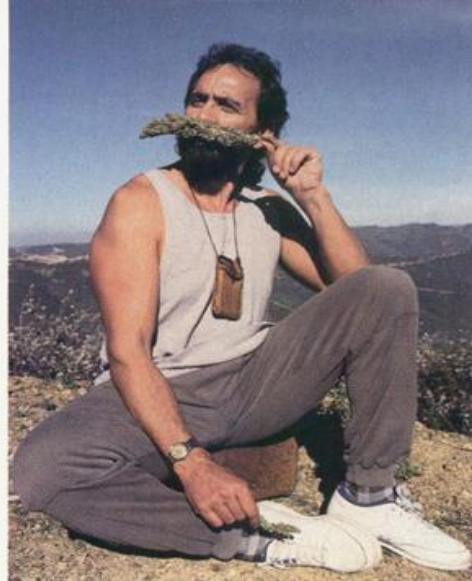
we were a little bit out of step. Jimi knew us from Vancouver. I had another club there, before the strip club, called the Elegant Parlor, where Jimi used to hang out when he was growing up in Seattle. He'd come up to Vancouver and watch us play. I'd been playing R & B since 1955. I was into black culture pretty heavy. Jimi would listen to our band before he started doing his stuff.

HT: Did you consider yourself a hippie then? Were you doing acid?

TC: We did all those things, but no, I was never really a hippie. I was more like an R & B guitar player going along for the ride. It was girls that turned me on to drugs.

HT: Pot?

TC: No, actually, a Chinese guy turned me on to pot. The same guy turned me on to Lenny Bruce and jazz. A girl turned me on to acid.



HT: What was that like?

TC: It was in those days when it was called "try this." I did it, and it was very good for my head. I only went on about ten trips. Three or four really good ones, spiritually-awakening ones.

HT: Want to tell us more about it?

TC: Actually, I've found those moments are best kept secret, because you want them to remain special secrets. They were very meaningful moments. Changed my life.

HT: In what way?

TC: I was married at the time. I soon became unmarried. After acid, I became focused on the fact that I wasn't really focused, and that that was okay. It's okay to sort of try a little bit of everything in life, and not have to worry about having to follow one path. I sort of wandered around after that. It made everything very clear. It sort of polished the windows—I could see through real clear.

It's funny, I was never a big indulger of anything. So as a result I never really acquired any habits, except weight lifting, or body building. That was the only habit I ever acquired.

HT: That's a good one.

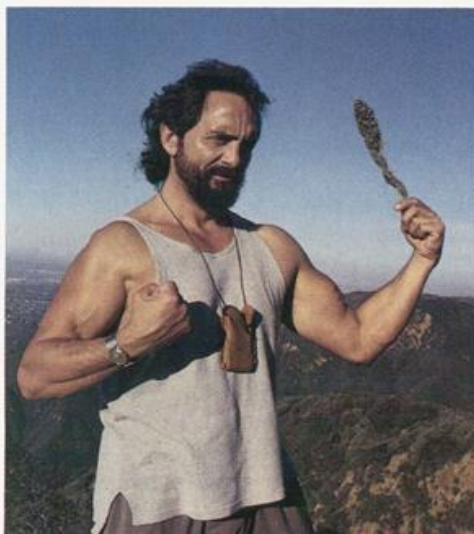
TC: Yeah, it turned out to be the best one I could have done.

HT: When were you turned on to pot?

TC: It was neat—when I first got turned on to pot, it was almost legal in the sense that no one really knew what it was, so no one really cared about it, especially in Canada. I remember smoking it behind this jazz club with the guys that turned me on, and the police came and searched the car for booze. And we were all laughing hysterically. They wanted to know what kind of tobacco that was, and we told them it was Italian tobacco.

HT: So these cops didn't have any idea what you were doing.

TC: None. For years in Canada we used to smoke it openly. No one knew. We used to go to concerts and sit up and smoke. No one bothered us. It was very civilized—a lot of fun. I liked it a lot



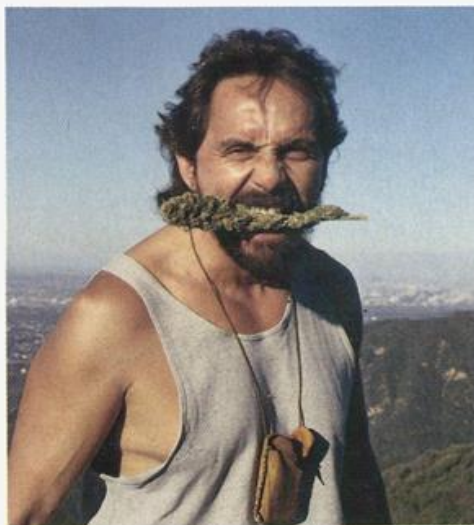
better than booze. Before that we were into a heavy booze culture, and the thing to do was buy the beer or the wine or whiskey, and slosh it down and get as drunk as you can, fight, and throw up. That was considered fun in those days. When I got turned on to music and pot, I just sorta got real cool.

HT: Why did you avoid dope humor in your last Cheech and Chong movie?

TC: We had mixed feelings. Cheech didn't want to do dope movies after *Still Smokin'*. Then we were contracted to do *The Corsican Brothers*, and we made a conscious effort not to do any drugs in it, just to make it a period piece.

HT: Why?

TC: Cheech is very wise, and very intelligent. I think he saw a trend coming. We had ridden a crest as far as we could take it, as far as he was concerned. I personally disagreed. I still disagree, but he felt it coming, and that's why we're not together now. He just didn't want to do Cheech and Chong anymore, let alone dope movies. He didn't want to do anything. Without the dope, we were just two other actors, as far as he was concerned. As far as I was concerned, too.



HT: So you feel that if you take the dope out of Cheech and Chong, there's no more Cheech and Chong?

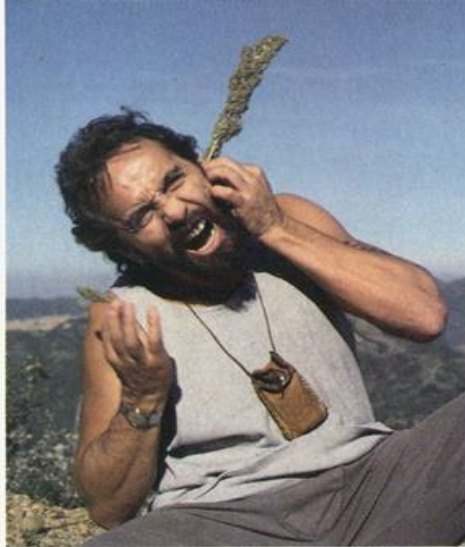
TC: Yeah, I think that's exactly what happened. I think *The Corsican Brothers* proved that. You look at the movie now, it's fine, very pure Cheech and Chong. It just wasn't accepted with the Cheech and Chong audience.

HT: Do you feel that the political climate was causing these things to happen?

TC: No, it's just that people get tired of it. Everything comes and goes. Nothing stays forever. There was a heavy dope era in the '20s and '30s, and there will be another one coming up.

HT: Do you think Cheech wants to be a serious actor?

TC: Yeah. All of that. I don't know. I can't



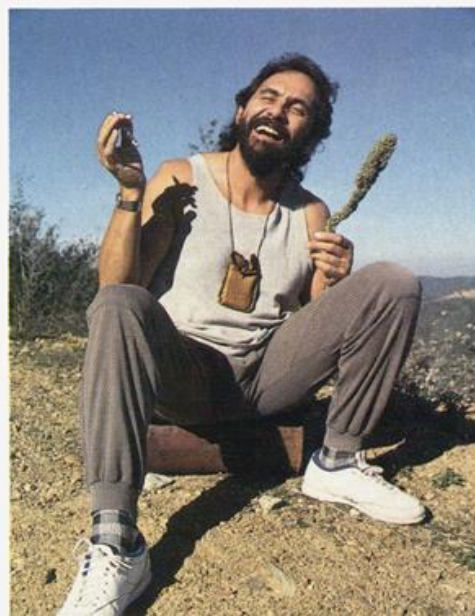
really speak for Cheech. I really don't understand where he's coming from. I know that he doesn't want to get back together again.

HT: Do you?

TC: I wanted to very badly. I came to a conclusion when I was doing my movie by myself, that apart, we're just guys trying to make it, together, we already had it made. After 18 years together, we built a huge constituency. And we could capitalize on it if we wanted to, and that means concert tours and movies and whatever. We could just go forever. Apart, I feel it's a big struggle. Then you're thrown into the competition. If he tries to be a serious actor which he's trying to be, he's competing with the Al Pacinos and the Robert DeNiros and the people who have been doing their thing for years and years. I think it's the same thing as those guys trying to become Cheech and Chong. For my part, I'm going to be Chong without the Cheech.

HT: Did you have a falling out?

TC: More of a growing up and changing. I think Cheech grew out of what we were doing. I'd been looking for something like this, while he fell into it. It wasn't really what he was looking for. I think he was looking more for his own way of expressing himself. When we met, I was 30-some-odd. He was 20. We're ten



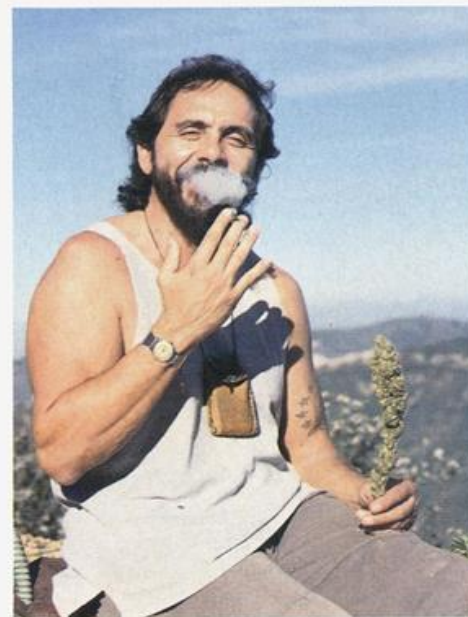
years apart. So he was just out of school a year or two. He was a baby. Then, he was Cheech and Chong for almost half his life. He never really had a chance to do what I had done, gone out and tried all these different things. I think that's what he's really looking for now, is to find out what he can do on his own by himself, without any of my influence.

HT: How did the political climate affect the wave you were riding?

TC: In the '60s, flower power, pot, acid, you could sleep outside, and hitchhike all over the world, and kiss and love, and it got you by. Nowadays you can do the same thing, and people are doing the same thing, only they're doing it out of the glare of the public eye. There's a lot of things happening now that happened during the '60s.

HT: Do you think creativity will flourish in a time of repression?

TC: Absolutely.



HT: And do you think we're heading in that direction?

TC: (sarcastically) I think when they confiscate your car for an ounce of pot, I think that's kind of repressive. I don't know, maybe it's just me. At the Canadian border, they're turning people away if they have cigarette papers.

HT: I wanted to ask you about that.

HIGH TIMES can't be sold anymore in Canada. A new Canadian law bans all media which shows the cultivation or manufacture of drugs, like growing a plant or rolling a joint. What about Cheech and Chong videos?

TC: I think we've been banned. Every once in a while Canada shows you how stupid they are. What an ignorant government they have. Canada's got a government that the United States would love to have, because the rich control everything. But that stuff can't last.

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Raj Cheech's Parallel Movie

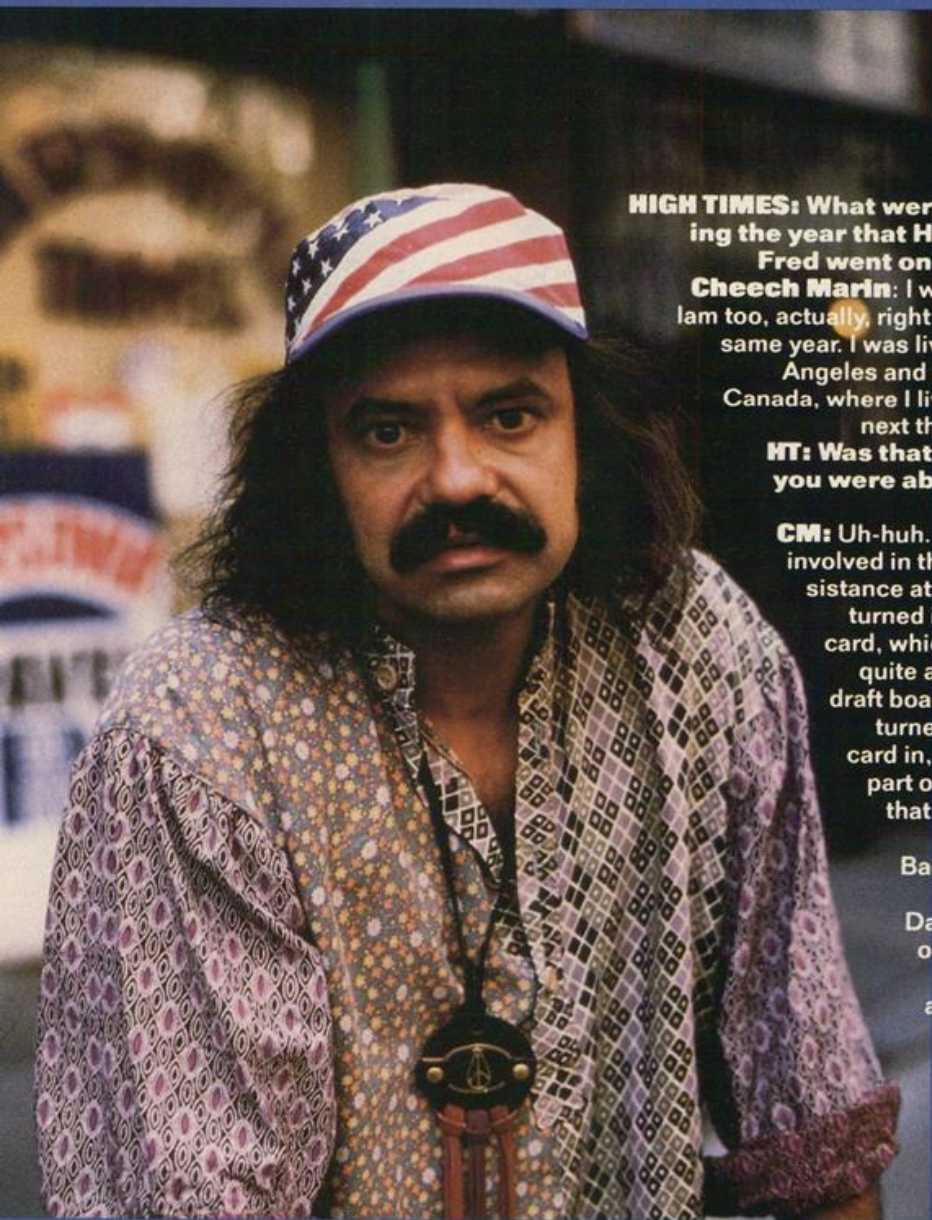
By Eileen Polk

Rude Awakening is a social comedy about two hippies who, forced to go underground during the '60s, live on a commune in Central America for 20 years, then return to civilization when they inadvertently discover an evil plot to start a war. Like Rip Van Winkle, they suffer extreme culture shock as they discover their generation has slipped into comfortable mediocrity and political apathy, obsessed with condos, designer junkfood, wearable art and other yuppie fetishes.

Rude Awakening (from Orion Pictures) stars Cheech Marin as the spaced-out acid casualty Hesus, and Eric Roberts as political activist Fred. Julie Hagerty and Robert Carradine play Petra and Sammy, two friends of Fred and Hesus who have sold out. Adding a touch of irony, Timothy Leary, Jerry Rubin and Bobby Seale make cameo appearances in three-piece suits, discussing a business deal. This is a major feature film, directed by Aaron Russo (who won critical acclaim for *The Rose* starring Bette Midler), and the music direction is by Paul Rothchild (who produced records by the Doors and Janis Joplin).

I spoke with Cheech during the filming of a scene in which he is a willing participant in LSD research. The set is a huge laboratory, with banks of scientific equipment surrounding an examination chair. Cheech walks on, dressed in '60s hippie garb, flops into the examination chair, and throws his stars-and-stripes cap into the air. After the LSD has been administered to Hesus, three doctors surround him and try to convince him to do his patriotic duty and fight in the Vietnam War. We cut to Cheech's point of view and they are transformed into three giant Mr. Potato Heads! Later in the story, we discover Hesus has acquired a secret weapon which he uses against his enemies. As a result of these experiments, his intense acid flashbacks not only give him the strength of many men, but also an intuitive sixth sense which all warriors, from Don Juan to Luke Skywalker, depend on.

Between takes, when he wasn't being menaced by giant potato heads, I had a chance to ask Cheech a few questions.



HIGH TIMES: What were you doing the year that Hesus and Fred went on the lam?

Cheech Marin: I went on the lam too, actually, right about that same year. I was living in Los Angeles and went up to Canada, where I lived for the next three years.

HT: Was that because you were about to be drafted?

CM: Uh-huh. I was very involved in the draft resistance at the time. I turned in my draft card, which created quite a stir at the draft board. When I turned my draft card in, it became part of a collage that accompanied Joan Baez and her husband David Harris on a speaking tour around the country, quite prominently displayed for all to see.



HT: Did you meet Tommy Chong when you went up to Canada?

CM: Yeah, I met him in the early part of the '70s in Vancouver. It was fate—it was meant to be. I firmly believe that. I'm not fatalistic, but I believe in not fighting the way things are supposed to go. I mean, things generally happen for a purpose.

HT: Go with the flow.

CM: Yeah, I'm a go-with-the-flow kind of guy. It's held me in good stead.

HT: Do you have anything in common with Hesus?

CM: He's a laid-back kind of a cosmic character. I see myself the same way. I try to live in the state of being, or a state of grace, as the Catholics put it. Yeah, we share a lot of characteristics. I'm a little bit faster than he is. Hesus is kind of like a combination of Cheech and Chong.

HT: He seems to have magical qualities, like an idiot savant.

CM: Yeah, almost like an idiot savant. You know, out of the mouths of babes or something like that. But he's the only one in this picture that has a real clear focus on what's happening, because not much is happening.

HT: His focus is LSD-enhanced?

CM: Influenced more than anything. He starts out in the picture being given more LSD than anybody ever, so he's really zoned. But it helps him to focus on things that are more important.

HT: His LSD flashbacks are like *The Force* in *Star Wars*.



The cast of Rude Awakening: (left to right): Hesus (Cheech Marin), Fred (Eric Roberts), Petra (Julie Hagerty), and Sammy (Robert Carradine).

CM: Yeah, very much like The Force. He's a cosmic character. He lives in the here and now. Everybody else doesn't. And though he seems wildly out of balance, he's really the only one who's in balance in the whole picture. Which is the kind of role I assumed in this production—as the Raj Cheech.

CM: Uh-huh.

HT: Er, from the script.

CM: Oh, from the script! Yeah, well, it's just life imitates art, art imitates life. Oh, yeah. Absolutely.

HT: Is that part of his magic, too?

CM: Well, yeah, but he always has the aphrodisiac effect on the wrong ones—

"I've found my most powerful weapon is to make people laugh for a little while."

HT: Since LSD doesn't put things into your brain, it lets them out, why the Mister Potato Heads?

CM: It lets them out! (laughs) Well, my mother always said when she looked into my ears that she saw potatoes growing in there, so it seemed likely the vision of potato heads, I don't know, that was funny.

HT: Did you ever have an acid flashback?

CM: (laughing) Not until I started working on this picture—somehow it promoted them. Actually, no, I never had any bad trips on acid.

HT: I wanted to talk to you about Hesus' magical qualities. You seem to have a sort of aphrodisiac effect on women.

the ones he's not quite interested in. But he's not really interested in too much, he just sort of goes along from day to day. He is a non-threatening, nice soul. Kind of gentle, but cool.

HT: Like yourself?

CM: Absolutely. Totally gentle but *really cool*. That describes me to a T.

HT: There are some great visual gags in *Rude Awakening*.

CM: The very is. The very is? (laughs) The very is... LSD has not affected me in the least! No, not at all.

HT: You improvised a lot in Cheech and Chong films. Are you allowed to do that in *Rude Awakening*?

CM: I get to do what I want to do in the film, it's cool. I only have about 10 words in the whole script so I just kind of see what they're doin' in the scene and kind of go into the parallel movie.

HT: What's the parallel movie?

CM: It's the one Hesus exists in. He exists in this whole parallel movie. I always cut to "Hey, I wonder what he's doin'," while everyone else is carrying the plot.

HT: I wanted to ask you about *Born in East LA*. You directed it, right?

CM: Yeah. I did the video first. We did the song and an album, and the hit off the album was *Born in East LA*. We did the video and they said, "Hey, I think there's a film here," and I said, "HEY!"

HT: Did you get involved in politics around the border policy issues?

CM: Sure. I was involved in the sanctuary movement and rights for immigrants in LA and the Southwest.

HT: *Born in East LA* is about someone who gets deported to Tijuana, even though they were born in the USA. Has that ever happened to anyone you know?

CM: Yeah, it's all based on a true story. But it's not one isolated case, it happens all the time. It's like if you hang out with tuna fish and you get caught in the net—there you are—even if you're a porpoise. It doesn't matter, they just ship everybody off.

HT: That was a great scene in *Up In Smoke* when everybody wanted to go to a wedding south of the border so they call immigration on themselves to get free transportation to Mexico. Was that taken from real life, too?

CM: Oh, yeah. As long as there's a system there you might as well use it. Maybe not in the way they intended, but you know, that's always been my philosophy—always use the system.

HT: In the '60s, it seemed like the artists and musicians and filmmakers created an atmosphere where everybody was encouraged to protest. Do you feel like that's happening again?

CM: In little ways, but mostly designer protests, you know. "We'll get on the train and have brunch all the way through three cities and register people to vote." Oh yeah, okay. I only get involved with it when it gets out in the streets. Other than that, I just stay out of politics because it is the same shit over and over. I just try and do my own trip and kind of get around what I try to get around.

HT: When it does get out in the streets it doesn't seem to get reported.

CM: Well, I'm not an anarchist, but I am kind of, you know. 'Cause I believe in using the system against itself, just throw it back on itself and let it feed on its own memos and paperwork and blah blah blah.

The whole thing is to do what you really want to do. It's not like I'm out there hurting people. The bullshit laws that are out there that you don't want to pay any attention to—you just go around them.

The reason the left isn't rising again is 'cause they don't have any hit records out there. They don't have any cool stars. They got Perry Como. "Vote for Perry Como." I mean, they had Jesse Jackson but they didn't want to hear the Jackson 5ive, they wanted to hear the Osmond Brothers. Yeah. Okay. The country gets what it deserves. I believe that all the time.

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The Potato Heads!

continued from page 39

The movie I'm doing now, I keep putting dope in, and the producers keep taking it out. It's pretty funny. I'm going along with it because I don't care. I really don't care. I want to make a product for the people to enjoy, and if they don't enjoy the dope humor, then fine. I don't mind if it's out.

HT: Do you feel it's "the people" or somebody else?

TC: It's the people. Oh, yeah, it's reflective of the times, the general audience. You turn on the news, there's a dope-killing every day. It's not a healthy image for the general public anymore.

I got to tell you the truth, I like it. I like repression. It was bothering me that everything was becoming too mainstream, because there are certain people out there, you know, they're not jazz musicians, they're not hip, and pot only makes them unhipper. Pot only makes them more stupid. When it was mainstream, those idiots were giving the rest of us a bad name.

I think pot is like religion. I don't think it should be public. I liked it before,

It's the same thing with the government. The very people doing the biggest anti-drug thing are usually involved with keeping it happening. They scare the shit out of you and then say, "I'll save you, but pay me. I need all this money." The great minds of this country have already figured out how to make this country a paradise, but nobody listens to them.

HT: Who do you consider a great mind?

TC: The mayor of Baltimore has to be considered. He's in favor of legalization as a cure to the drug problem.

HT: All drugs?

TC: All drugs, yeah. It's a total logical answer. But he can't convince anybody. They think he's a kook.

HT: The drug war is a billion dollar industry now.

TC: In fact, they burn up the billion dollars worth of drugs, and then they create all this graft, corruption, all this crime—can you imagine being a narc who's making \$20,000, \$30,000 tops \$50,000 a year, busting kids who have that much in their pocket? And all he has to do is lose half of it on the way to the police station. And the minute you start doing that you're a thief. The temptation is ridiculous.

"I don't see any winners in the martyr business. I don't want the holes in my hands, it's not me. I've seen too many martyrs go down."

when it was like a secret society. It was more exciting then, more real to me. For a while there, it was no big deal. I like it when it's a big deal. I like the price tag. I like an outlaw image. I feel I have accomplished something if there's a price on my head.

HT: Do you still have that image?

TC: Yeah, I do. I realized, when Cheech split because he didn't want to do this anymore, I figured well, I guess it's me. I'll take the blame, and the credit.

HT: Do you feel like you're doing something that could get you into trouble, or do you welcome that?

TC: No, I don't want to get in trouble. I don't see any winners in the martyr business. I don't want the holes in my hands, it's not me. I've seen too many martyrs go down. Their lives are ruined, because that's what those old fucks want, a target. They love a target, then they'll eat you up. Because you see, it's all money. Like these drug abuse programs and all that, it's all an excuse to get money.

It's the old fireman thing. They found that, in these little towns, a lot of fires were set by firemen, so they could keep their jobs. See, if the years go by and there's no fire, all of a sudden people say, "Well, what are we paying these guys for?"

Like that TV show, *Cops*. They're always busting some crack house, and that's sick. That's like going into a hospital and busting the patients, "All right, get out of bed! You! On the floor!" Pulling the IVs out of their arms, lining them up. They never show what they do with these people. As soon as the cameras are gone, they kick them in the butt and send them home. They don't even book them—there's no room in the jails for these people. It's just to keep the drug war money coming.

HT: Tell us about *Far Out Man*.

TC: Well, *Far Out Man* is my first venture without Cheech. Unlike Cheech, I wanted to keep my image. I wrote, directed, and acted in it.

I tried to do a parallel of my real life, but I got into trouble doing it that way. The biggest mistake I made was directing myself. I could direct Cheech, but I never realized how much Cheech directed me.

I thought you could cut corners. I thought, "I'm a writer. I don't need a writer." Wrong. You need every one of those people, everyone! Because at six in the morning, I don't feel like writing. The creativity, the writer in me, he's still in bed. And he ain't gonna wake up 'til he smokes a joint on Sunday afternoon and comes up with a brilliant idea.

HT: So you started out as a writer, director and performer, and now...

TC: Now I'm just a principal actor and writer, but I'm not the whole ball of wax.

HT: Are there Jimi Hendrix references in the movie?

TC: Yeah, well, when they go up to Hippyland, Jimi is going to be like the Matterhorn of Hippyland, and the rides are going to be Jimi Hendrix's balls. His dick is going to be another ride. You get in his dick, it fires off like a rocketship. I actually built the balls, big tire innertubes, and blew them up.

HT: Is Jimi there in spirit, or do you have an actor that plays Jimi Hendrix?

TC: Oh no, Jimi's there. I got a little bit of animation, and you see Jimi in the animation. Part of the problem when I tested the movie was that no one knew who Jimi Hendrix was. There's a whole different world in the movies.

HT: You told us the producers said there were too many dope references in the movie, how have audiences reacted during screenings?

TC: People walked out, they left.

HT: Because of the dope?

TC: The dope and the language—there was swearing.

HT: But lots of movies have drugs, swearing... and violence.

TC: They got a new thing on TV. They won't show any dope. They'll show dopers being killed, and murdered, and maimed. As long as they got a headband on and talk with an accent and get machine-gunned down, that's okay, but they can't show us having fun. They can't show dope in a positive manner.

HT: What are you striving for in *Far Out Man*?

TC: I thought, "Cheech says the dope thing's over, I disagree. There's fucking millions of dopers out there smoking dope." Now, I've almost come full circle, because you can't generalize. You can't say, "I'll do an exploitation movie," and make a lot of money. You know how everybody follows trends, like five years of action adventure movies, and a couple years of Halloween chop-off-your-head movies, it's the dog chasing the tail. As a moviemaker, the soul of the movie is most important. That's what I'm trying to get at.

HT: Are you doing what you really want to do?

TC: Yeah, actually I am. I'm becoming more of a filmmaker. It's very tough trying to be Chong without Cheech. In the process I'm becoming Chong, the filmmaker. The first thing I've learned while doing the films is I have a great deal of respect for the process, which I never had before. It takes me a while to gain respect for anything, 'cause it's just not my nature. But you've got to know your basics first, same with everything, same with life. ●

PART TWO

Interview: Abbie Hoffman

"Beat the Test"



by John Holmstrom

Abbie Hoffman, best known for his radical activities in the '60s, is still a very active political activist. He's very involved in the environmental issues, he's an advisor to the Student Action League, which is attempting to build a national student movement, he speaks out against CIA covert actions, he appears in *Born On The Fourth of July*, Oliver Stone's new movie about the anti-war movement, and he speaks a lot about drugs and drug testing. His most recent book, *Steal This Urine Test* (available from Contemporary Classics, P.O. Box 15, Worcester, MA 01613, \$6.00, plus \$2.00 handling) is the only book on the market that addresses the issues of drug testing, and how to beat them.

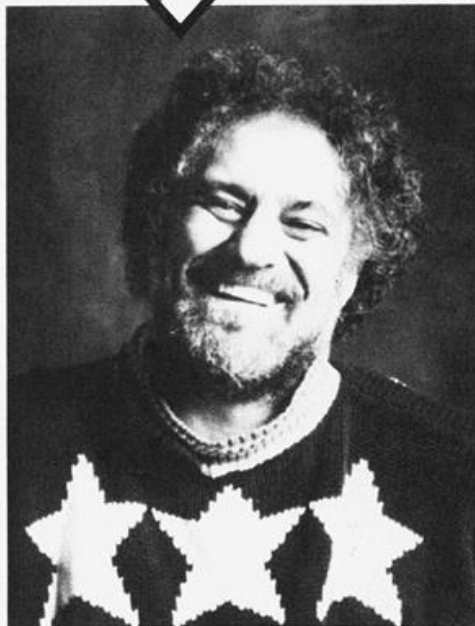
This is one of the last interviews we're running in preparation for our special 15th anniversary issue, appearing in October, that will mark the remarkable endurance of the counterculture and the memory of Tom Forcade, the founder of HIGH TIMES.

HIGH TIMES: What are doing nowadays?

Abbie Hoffman: I live in a small town, Salisbury, Pennsylvania, and I am leading what the *New York Times* called the longest standing environmental battle in America—to save the waters of the Delaware River and stop the construction of a nuclear plant being attempted by the Philadelphia Electric Company, Pennsylvania. Unfortunately, we're currently losing this battle. You might think it's just a little river, but one out of ten Americans drink from it. It's a huge battle, and we see things in terms of a river war, and who wants to get control of that water—the utility companies, the city governments with their incineration plants, greedy developers, whatever.

I've been a grassroots activist for 29 years, and, of all the battles I've been involved in, the most depressing are in the environmental area. Because you can win the battles, look over your shoulder, and see that the war is being lost—that it's not being translated well enough, in terms of its impact on the media, and that, unfortunately, diseases like cancer take 10, 20, 30 years to show up. It's quite a tragedy. And mapping out strategies to combat it is quite difficult.

I don't think you can ever attack a global issue like the environment



without successfully working with local grassroots efforts. It has to be specific as an issue—your community is going to be turned into a toxic-waste dump, or overdeveloped to such an extent that you're going to lose your quality of life. You have to mount a campaign that involves educating the public, putting pressure on political representatives, bringing court suits, committing civil disobedience, perhaps even, in the future, acts of violence.

HT: Let's say one person out there, reading this article, wants to get involved in some kind of environmental action, but doesn't know what the first step should be. What should they do? Write to Greenpeace? Join Greenpeace or another group?

AH: No, I think if you start on that level, involved with a national group, they're going to ask you for a \$25 contribution and try to sell you a calendar. If you want to do that, sure. Go right ahead. I'm a member of Greenpeace. That's cool. So what. The battles are really fought on a local level.

You have to have some conception of who your opposition is, just like it was a football game. You have to have a conception of who your allies are, and you have to go searching for potential allies. One thing to recognize about environmental problems is that they're not specifically a Republican or

Democratic problem. In order to be successful, you have to reach across political boundaries. In the groups that I've started all around the country, there are members of the American Legion, the DAR and Kiwanis clubs, in addition to people who say, "I'm an environmentalist, and don't step on ants."

HT: That's one of the problems facing the marijuana legalization movement—only potsmokers are concerned about that issue, even though the war on drugs is also a war on the environment.

AH: Very true. Not to mention *Mother Jones* had an excellent article about "Why can't America kick the habit of the war on drugs," and specifically points out places like Guatemala and Burma, where the war on drugs is really a war on insurgents.

It is extremely important to stress that, as you join the battle to save the land or the water, the argument that's going to be thrown against you by industrial, corporate America is that we're bringing progress and jobs to America and this is the price we have to pay. That's an absolutely nonsensical argument. There are several European countries that are already 20 or 30 years ahead of us, so this is not pie-in-the-sky. Alternative energy sources and conservation programs would allow us to have all of our electronic toys and also save the environment. It's just a question of restructuring the types of jobs.

One thing the environmental movement does for you is, it doesn't make you feel like an outsider. You know, it's very hard for my neighbors to come up and say, "Go back to Russia. You don't belong here. You're unpatriotic."

I'm trying to save the river that the father of our country, George Washington, crossed, and did battle against the Hessians—one of the most beautiful, scenic places in America.

HT: Teddy Roosevelt was the prototype conservative president in the 20th century, and he was also the biggest conservationist.

AH: That's very true. That's why I don't believe this is a right or left issue any more than I believe what should be done about drugs in America is right or left. If anything, the battle against drug testing is a conservative battle. It's a battle to protect the individual against the power of big government and big corporations.

The war on drugs is no different than any other wars America has faced with the one exception: America, with the exception of Vietnam, generally wins wars. Since 1906, we've had 57 federal anti-drug bills. I'm staring at a cover of *Life* magazine, dated October 31, 1969.

They're sweating out the horror that 12 million Americans have now tried marijuana, and there's a huge, menacing picture of an underage face with a real big reefer in his or her mouth. According to the National Institute of Drug Abuse, as of December, 61 million Americans have now tried marijuana, and 23 million had used it in the month of December. So, we went from 12 million to 61 million, and in the meantime, we've had Operation Intercepts, Sledgehammer, Blast Furnace, all in the name of the war on drugs. It's fruitless. It's wasteful in money. It's distorting in terms of the priorities we have to face. It's filling the country with the wrong kind of hysteria.

What you hear on the news about people robbing, stealing, cheating, killing, raping, etc. to get drugs is not true at all. They're doing it for money, just like they always have. People have always stolen for money. In the public's mind, it's getting confusing, so that's one of the absolute best arguments for decriminalization.

HT: Do you support decriminalization as opposed to legalization?

AH: Let me say there's no such thing as a perfect drug policy, any more than we could have a perfect policy on how

And not just in terms of drug testing, which is the most serious privacy invasion in our lifetime.

HT: I've always had a problem with decriminalization—it keeps drugs illegal, keeps the money from illegal drugs in the hands of organized crime, and makes it easier for illegal drugs to get into the hands of children.

AH: There's not only those arguments. There's also the argument that law enforcement agencies would then be free to deal with other, more serious crimes, and there would be less corruption and bribery, and of course, less hypocrisy in the general society.

The biggest joke is how, for many decades, the numbers racket was ruining America. Then came bingo games in the church. And then came state-run lotteries. And there's a lot to be said about state-run lotteries that are bad. For example, I would like to see ads on television banned, because they're fraudulent. But I'm sure glad lotteries are legal, because there was a lot of violence, cheating, and random dealing when it was an illegal activity. In other words, most of the criticism you would have against legalized lotteries was made triple-fold when it was illegal. Now it's

court. Those cases are winning hundreds of thousands of dollars, because when you go before a judge or a jury, out comes the literature of the drug testing companies with the huge margins of error. Out comes the example of loads of people who have never used drugs in their life. Out comes the knowledge that many of these drug tests are on legal drugs—that the company now has access to drugs that your personal physician or psychiatrist has prescribed for you. Most Americans don't understand that.

For example, Barbara Luck versus Southern Pacific Railroad in California was awarded \$485,000. She refused to take the test because she knew it would show if she was pregnant or not, and she felt it was none of the boss' business. They fired her. She sued. She won \$485,000. Donald Kelly, an oil rigger in Louisiana, was fired because he showed up positive to marijuana. He sued. He won \$125,000. I could go on and on. This is the information that has to get out. What's interesting is that you don't need the American Civil Liberties Union or the National Lawyers Guild. These cases, if well-publicized, any libel attorney would be glad to take, would be begging to take, on a contingency basis, because they know they're going to walk in before a jury and win easy, because the tests are filled with a huge margin of error.

HT: It's ironic—we have a notice posted up in our office that it's absolutely illegal for any company to use a lie detector test, but I'd rather take a lie detector test than a urine test.

AH: Well, if you read the book, it explains a bit more about urine and about the tests themselves. You wouldn't be afraid at all, because you would beat the test. Even the most sophisticated test, which is used in less than 20% of the testing in America, you would be able to beat.

I will tell you lemonade doesn't work. One secret is that urine is 99% water, so the more water you get into the testing vial, the more you're going to drop the level, the presence [of drugs]. But there are even more efficient methods, many more, that the book goes into. Many have been written about in *HIGH TIMES*, by Dean Latimer—probably one of the ten best people in the country who knows about the tests and how to beat them.

The interesting thing about drug testing is that it's a gyp for the corporations that use it. It's a cheat. It's being sold to them under false premises. It doesn't give them any kind of knowledge at all. A good boss or a good manager could use their eyeball and their common sense and find out much more than with a urine test. ●

“The interesting thing about drug testing is that it's a gyp for the corporations that use it.”

people make money, on how they have sex, on how they gamble, or anything else. The question is, in what direction is the society moving in, and is that direction going to work or not?

In 1972, in the Schaefer Commission, which was appointed by Richard Nixon, and confirmed in 1975, by Gerald Ford's commission, then reconfirmed in 1978 by President Carter's commission, there were many, many facts laid out—that marijuana should be decriminalized, that recreational drugs did not present significant harmful effects for society in general and very little effects for individuals, that there was a much more serious problem with legal drugs like nicotine, alcohol, barbiturates, and amphetamines, that terms like “drug abuse” and “overdose” should be thrown out because they're inaccurate.

In the '70s about one-third of the states decriminalized, and moved in a sensible direction. We're headed in a new direction that's going to cost billions and billions of dollars, that's going to give us nonsense ideas like sealing up our borders, that's going to allow for citizens to lose enormous civil rights.

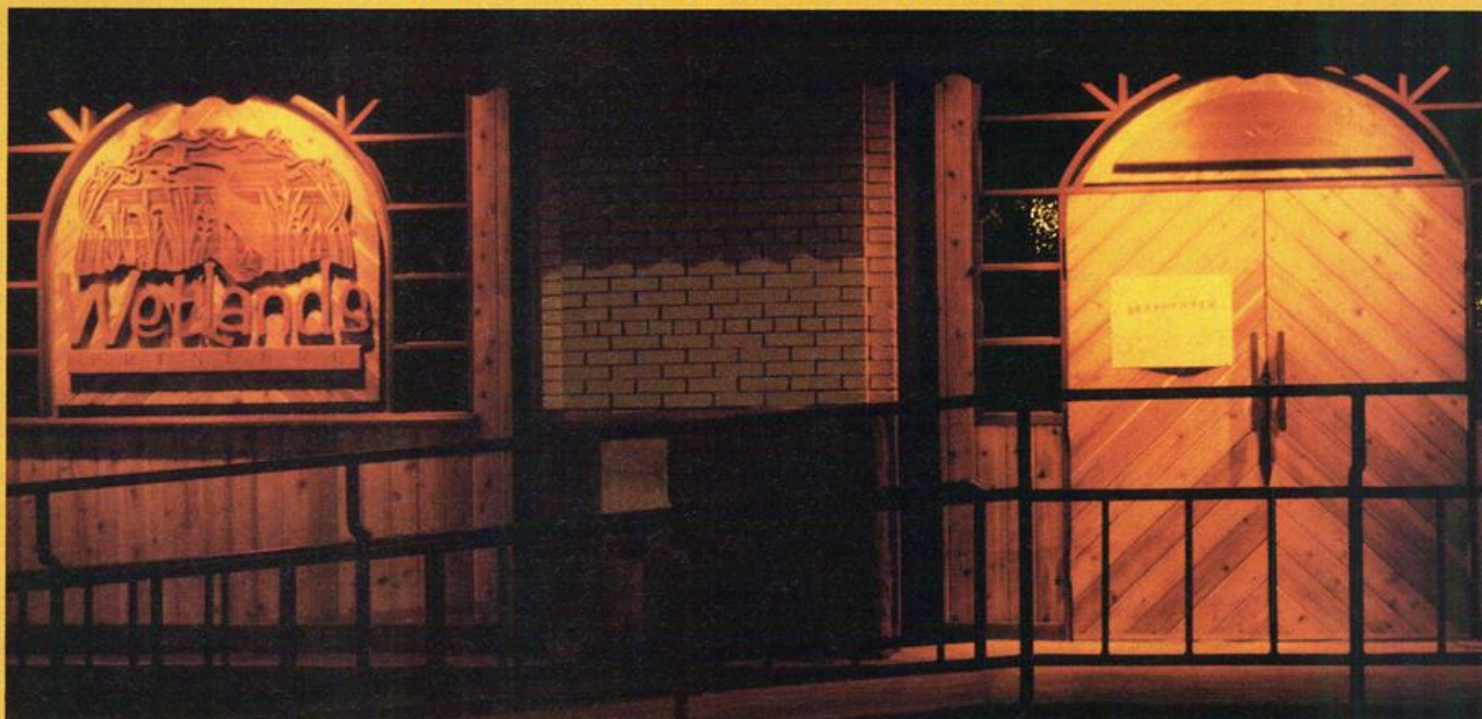
legal, and, like, who cares?

The history of drug legislation on the state level goes back to 1875 when San Francisco outlawed opium dens because [it was believed that] they were using them to lure white women so they could sell them as slaves in Asia. There's a very good book called *Drugs and Minority Oppression*, about the drug legislation that's anti-poor people, anti-black people. But black politicians are simplistically jumping on the other end and approaching drugs from a fundamentalist point of view, which is never going to cure anything. For example, I'm very upset that Jesse Jackson doesn't have a more sophisticated attitude about drugs and drug testing. We've been close friends for 20 years, and it's the one main issue in which I feel he is way, way out of line. And he could be extremely educational and helpful.

There is a way to beat drug testing, and that is for individuals who have not been hired, not promoted, or most specifically fired because of a drug test, or a refusal to take a drug test, to turn around and sue that company in a state or federal

Wetlands Preserve

A Bastion of Sanity in a Crazy World



by Magenta Moonbeam photographs by Beth B

The sweet scent of patchouli wafts up into my nostrils, caressing them gently as the soothing sounds of Jerry and the boys make love to my ears. . . .

It is Grateful Dead night at Wetlands, a new club in the Tribeca section of New York City. A radical oasis in the cash-conscious '80s—the idea behind Wetlands is that of saving the planet through expanding the mind.

Originally from New York, owner Larry Bloch moved to California during the '70s and started a successful printing business. While in Los Angeles, he met his wife, Laura. Their decision to have a child prompted the couple to get out of "Plasticland," as he called LA, and move to rural Massachusetts. The money that they got from the sale of the printing business enabled Larry to take a year-and-a-half off to help raise their son. He also became involved with the environmental movement on a volunteer basis. Here the dream was spawned. Larry and Laura packed everything up and moved to the New York area to begin making the dream a reality.

"Fun and activism," is how Larry

describes Wetlands. "If you include the theme of fun in [activism], then it fuels the energy that allows people to realize that they are making a difference." Bloch theorizes, "When people start having a good time *and* making a difference, they start feeling much more powerful, and much more involved in the process of creating change." Of the somewhat disorganized state of activism in general, Larry says, "We're trying to bridge things—to bring people together—to be inclusive—especially in the environmental movement which is so lacking in any cohesiveness whatsoever. It's not just a movement for left or right wing, it's a movement for everybody. Everyone understands the fact that if the earth doesn't survive, we're not going to survive." Larry stresses that Wetlands is not just a club for activists; the atmosphere is not preachy or righteous—people are welcome to come in, hang out, dance, drink, and socialize. The food is good (all natural—no meat, either), and the beer is served in frosty mugs.

Without ramming rhetoric down anyone's throat, Wetlands encourages participation from the

club-goers by making literature from various organizations such as NORML, Earth First!, and Greenpeace easily accessible. The bulletin board in the Earth Station is plastered with printouts from Eco-net, and flyers for various political and ecology-minded organizations. A large calendar gives dates, times, and locations for upcoming rallies, meetings, and events. Compiled and exhibited in this way, this information makes it extremely easy for someone who might just be there to hang out and have a few beers to be exposed to things that he or she might not have heard of or thought about before.

The information center also has petitions from different organizations that club patrons are welcome to read and sign. An ancient VW bus has been given a new life and a psychedelic paint job. It's been converted into a concession stand, selling underground comics, tie-dye t-shirts, and other out-of-the-ordinary things.

Downstairs is the inner sanctum—no smoking of *any* kind permitted. The walls and ceilings are decorated with beautiful



Brec Morgan and friends created this mural which acts as a backdrop for space-dancing on the dancefloor.



The Earth Station, filled with environmental, social, and political information.

tapestries and the atmosphere is one of comfort and warmth. Whether you choose to lounge on pillows, the big, squishy sofas, or the old theater seats, the smoke-free environment is soothing and intimate. Conversation is encouraged.

Spanning the musical spectrum, Wetlands accommodates a variety

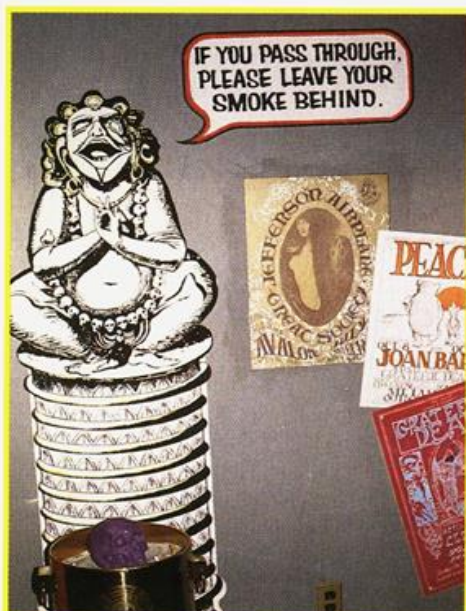
of tastes. One night it's blues, the next reggae, psychedelia, and on Tuesdays—the Dead. Musical director Walter Durkacz is known throughout New York for his turntable prowess. Some evenings feature alternative recorded music, while others showcase musicians and bands.

The dancefloor is surrounded by

a beautiful mural painted by Brec Morgan and his crew. It's obvious from the appearance and general atmosphere that a lot of thought, time, and love have gone into the creation of Wetlands.

On Sunday evenings, area activists gather to brainstorm and exchange ideas at the weekly eco-saloon. Eco-host Remy Chevalier encourages participants to mingle and get to know one another. The point of these meetings, Larry explains, is "to get all people with solutions together, and start meeting—start sharing ideas, start showing films, start discussing and exchanging names from that. Hopefully, the idea of getting these people together will become more commonplace. The whole idea of having social places that also serve as activist centers will start rejuvenating itself. I think that was more in vogue some years ago." Although there are sometimes scheduled speakers, films, and musicians, the planned activities don't begin until after 7 PM allowing two hours for spontaneous interaction among activists.

Quite a few benefits are planned for the upcoming months,



Escape to the smoke-free Inner Sanctum.

including one to aid the Rainforest Coalition and another featuring an Earth First! roadshow. Although not profitable for the club financially, Wetlands plans on keeping Sunday nights open for these kind of activities.

From a business point of view, this combination of business and activism—making money while



Feelin' groovy in the Inner Sanctum.

maintaining a social conscience—does not sound either feasible or profitable. Larry Bloch started out as a businessman, progressed into activism, and is now successfully blending his two passions. So far, Wetlands is proving seven nights a week that the business of activism is not only feasible, but lucrative as well. ●



Coat check chick Holly guards your gear.



Psychedelic bus/concession stand.

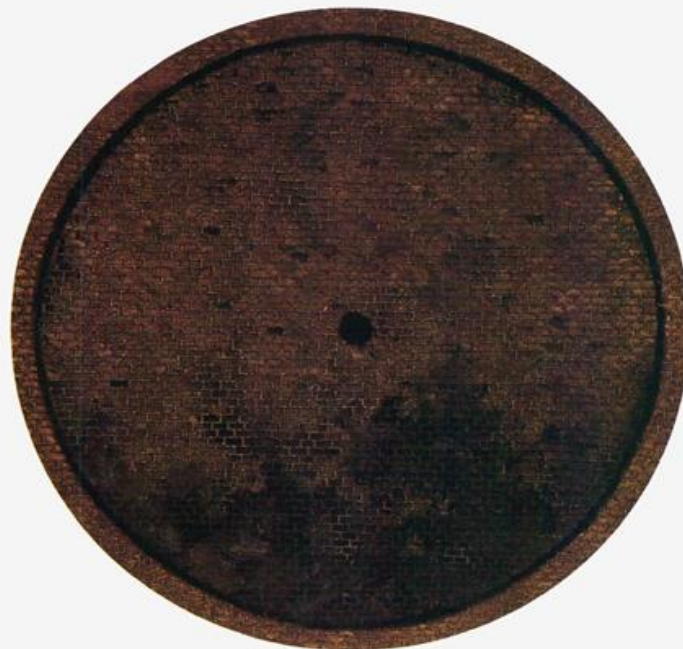


by Carlo McCormick

MARTIN WONG

Between a rock and a hard place, that's the artist in the city—stuck here and thriving, like a rat in a sewer or a roach on a toxic garbage barge. From an uncomfortable spot on some rubble-heap in the land of urban decay, Martin Wong gives witness to our schizo-landscape of confinement and freedom, despair and hope, harsh reality and romantic dream. This is his home of mutual alienation and self-identity. Facing a ghetto wall, up against the oppressive sky of psychic melancholia, social impossibility, and economic immobility, he confronts that dead end where the body stops but the heart, soul, and imagination go on. Brick upon brick upon brick—the endless serial monotony of the depressed, man-made tenement wasteland—Wong constructs a lively magical kingdom of desire, bounding in the harness of personal and

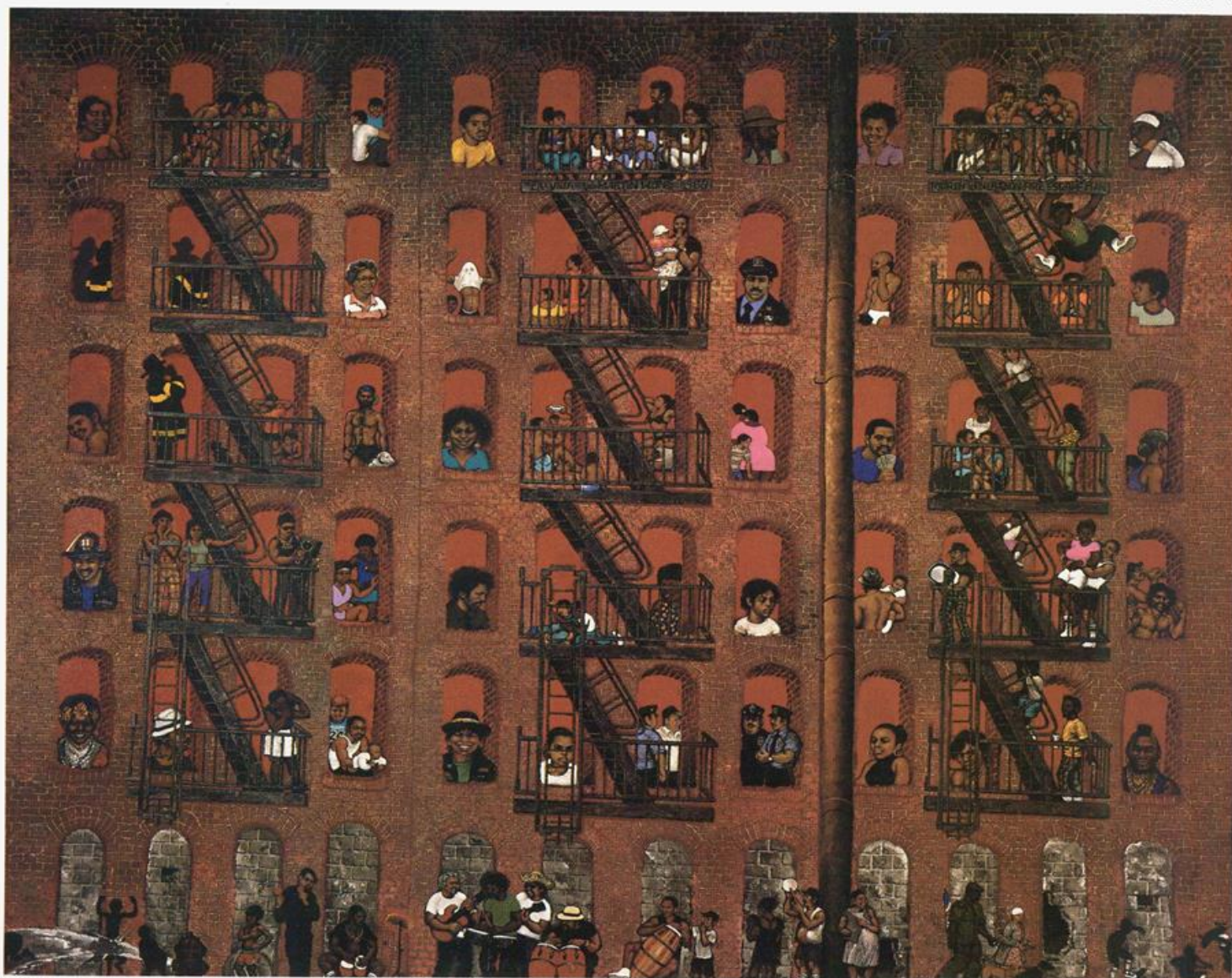
HIGH ART



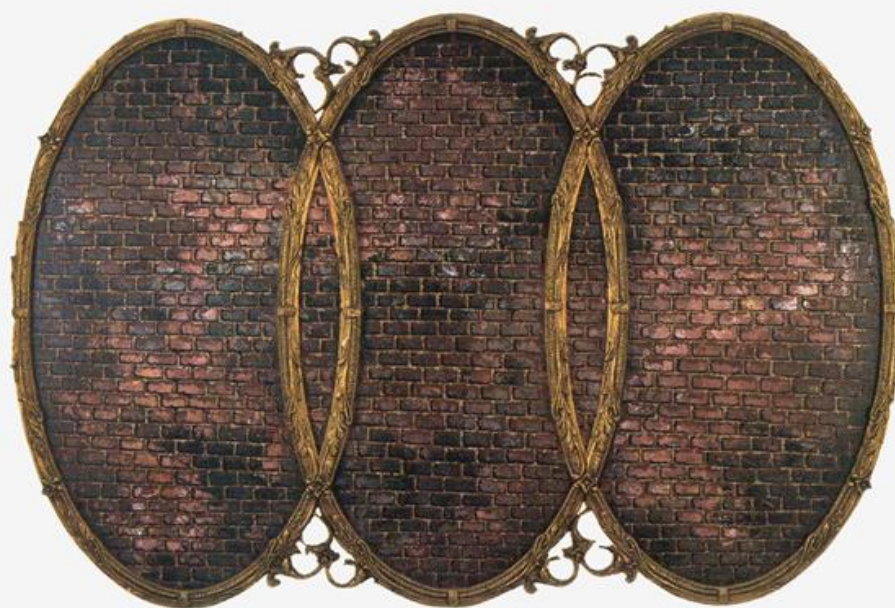
Heaven, 72" diameter, 1988.

cultural repression. A High Art of the lowly and lonely, these paintings glow with obsession and fantasy. Wong wordlessly wanders through the petrified forest of terminal failure, meditating upon de-natured beauty with a mystical and mythical faith. Here, the moment is timeless. Transfixed between the flood of memory and the gaze of discontent upon the bleak horizon of Tomorrow, it belongs to the fictional whenever, when hell freezes over. Burnt out by the consuming greed of the money-hunter's cruel arson and narcotic trade, the hell-fires are now extinguished, leaving its survivors shivering and hungry in the lifeless cold winds of neglect. Look at the

scarred skin of this urban corpse for the coded writing on the wall. Read these sheer planes of exclusion as they cut across the void. They are not the plain, stoic, empty facades we expected. Rather, they are the screens on which the artist projects his unspoken sensual impressions. Between a rock and a hard place, Wong's art is perched at the leaping point of imagination. We follow him in his irrational pursuit, stepping over the cliff of social realism to plummet into the inner abyss of the subconscious in a disorienting free-fall that blurs all boundaries of vestigial class value, until we lose sight of such perspectives and come to believe that we are soaring ever higher. ●

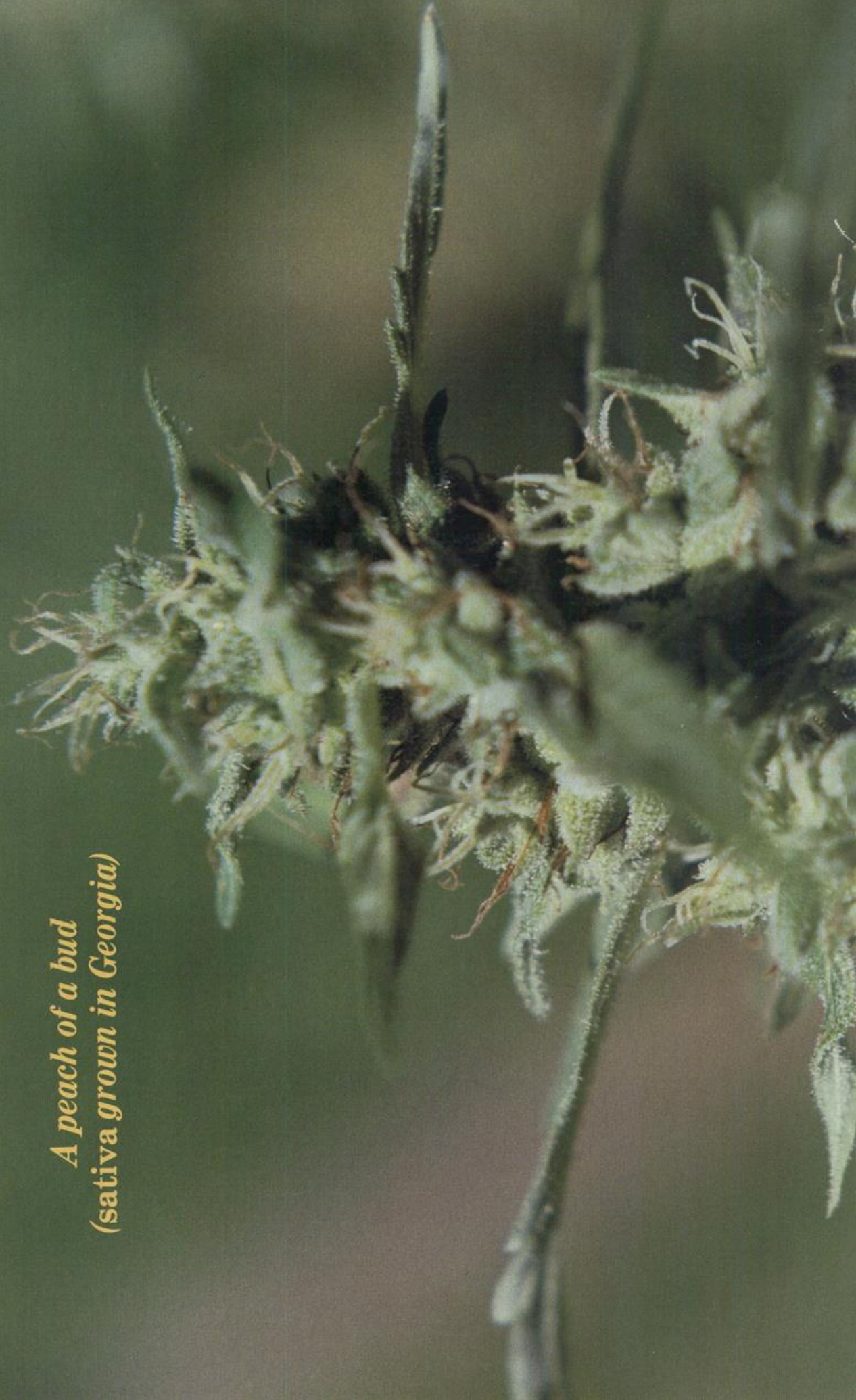


La Vida, 58" x 50" detail, 1987.



Rapture, 42" x 62", 1987.

*A peach of a bud
(sativa grown in Georgia)*



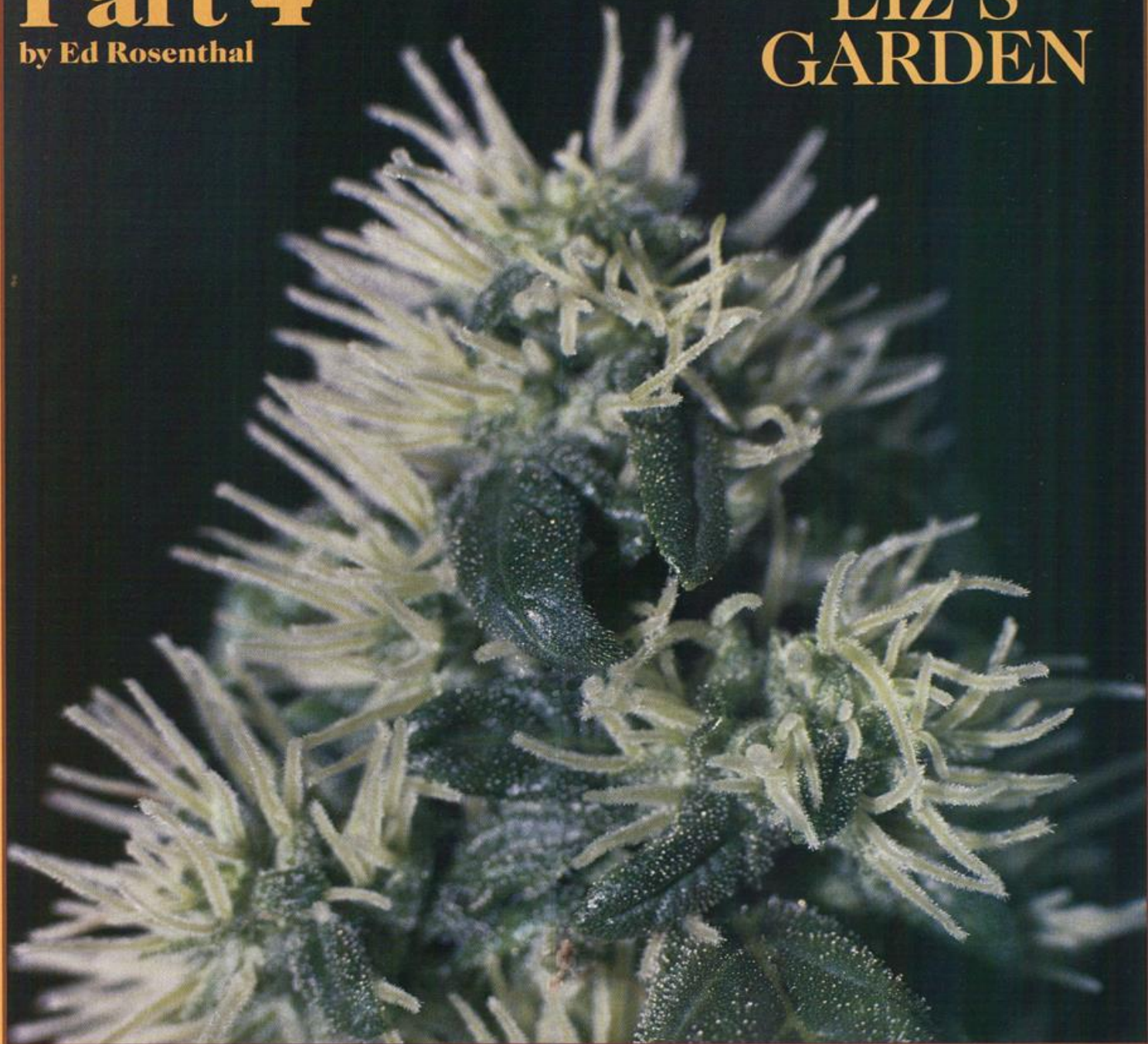


A Tale Of Two Gardens

Part 4

by Ed Rosenthal

LIZ'S GARDEN



This is a late developing hybrid Northern Lights. Two more weeks to maturity.

Liz transplanted the seedlings to 6" pots about 90 days ago. Now half the garden has been harvested. The Early Pearls and some of the Northern Lights have blossomed, ripened, and been cut. This leaves some NL crosses, the Skunks and Hash plant. Hash plant seems to be having a hard time flowering and

probably needs a shorter lighted period.

The glands have filled with resin causing the buds to floresce. New pistil growth has stopped. The fan leaves are yellowing and dying, leaving the maturing buds naked.

The tray and pot system has worked extremely well. Liz now changes the water every

two weeks and adds water as needed to keep the level at between one to two inches. The five-parts-lava-one-part-vermiculite mix stays moist through capillary action, but has large air spaces so the roots always have enough oxygen. The water itself is aerated with a small fish-tank air pump. Roots have been



The 4' x 4' system includes a 400-watt HPS (connected to timer), CO₂ tank, and regulator, internal oscillating fan, vent fan (connected to a thermostat), ionizer, three inch high trays which hold 6" containers, and aerators (connected to a single pump).



These buds will be harvested in the next ten days. The glands are swelling, but most of the pistils are still vigorous. When they have dried, turned color, and receded back into the calyx, they are ready to be cut.

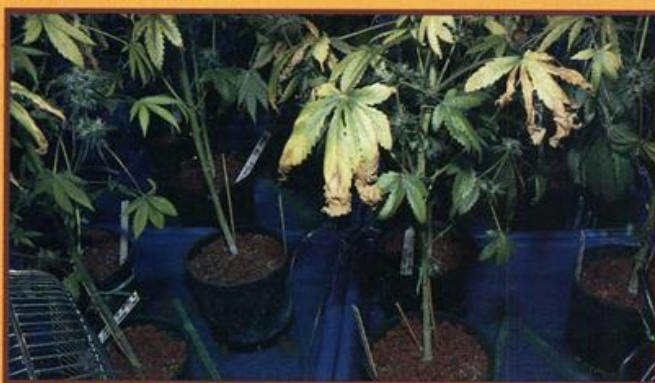


The clone garden has progressed well. These plants are ready to be planted in 6" containers.

growing out of the containers into the water trays. They look healthy and white.

The clones, which were started last month, are now

rooted, ready to be transplanted into the garden. They have been growing in a tray filled with water. They are supported by a styrofoam



As the buds mature, the leaves yellow and die. Skunks and Northern Lights are left in the garden.

divider salvaged from a vegetable box. The water is kept at 75°F using a fish-tank thermostat-heater.

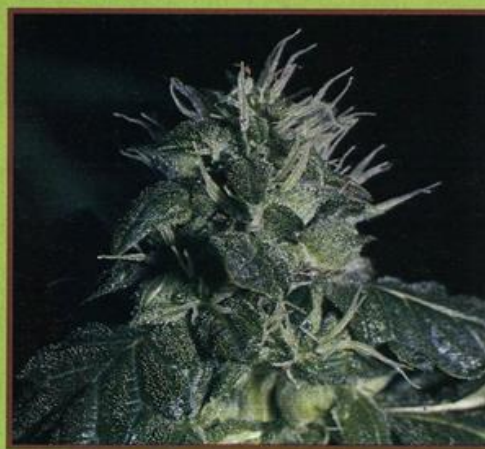
SHARKY'S GARDEN



Part of the flowering room. Seeded Dutch varieties are in the foreground. In the background, Sharky's untamed mixed variety.

Sharky's garden is beginning to shape up in spite of all the difficulties that it has undergone. First there were

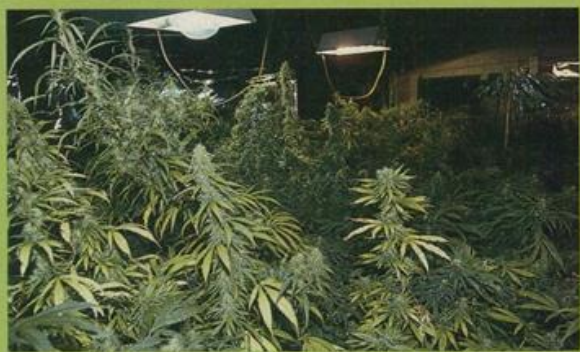
water delivery problems, then nutrient deficiencies, followed by an unidentified insect infestation.



Plants in the mixed group range between 2½ and 6 feet high. Sativas, hybrids, and indicas are included and the yield varies tremendously.

There are other problems as well. Sharky's CO₂ generator produces quite a bit of gas, but near the roof, where it doesn't

An indica bud from the mixed group. The flower is about two weeks from harvest. The plants from this group will mature over the period of a month.



Half of these Dutch variety plants were trimmed of excess branches and lower foliage. The trim was placed in front of the plants. The mixed group was also handled this way. The trim was placed in water so that the buds could mature.



A seeded Northern Lights bud. The seed pods are beginning to crack indicating maturing seeds.

do much good. The concentration of CO₂ is much lower at plant level than at the ceiling.

Last month Sharky installed a watering system which consisted of a soaker line running the length of each

slab of Rockwool. The line was sandwiched between the slabs and the cubes. This system has not performed up to expectations. The blocks remain wet, but are probably concentrating the nutrients, because of evaporation. A

standard drip system is to be installed.

The clone-germination room has had a disaster, too. Sharky produced many thousands of seeds from Dutch mothers in order to fill the

continued on page 68

by D.C. CONNOISSEUR



A Mexican-Thai grown in California by a grower who hates indica.

Imports. Some love 'em, some hate 'em, some could care less. Personally, I love 'em. Of course, imports are not what they used to be. Ten or twenty years ago, there were so many interesting varieties to choose from: Colombians, Thais, fine quality Mexicans, real Panamanians. These high-quality *sativas* were

usually smuggled in small amounts by today's standards (less than a thousand pounds per load). In the '70s, I remember seeing at least two or three different Colombians every week. Some were gold, others were "punta raja," while others were the legendary wacky weeds. It was really unbelievable.

Nowadays, however,

one has to be satisfied with an occasional good Thai or Mexican *sativa*. Even those seem to be disappearing, replaced by the Mexican *indica-sativas* I call "mickeys." Although mickeys have improved the quality of Mexican imports, some already miss the pure *sativas* of the past.

Indonesian pot has

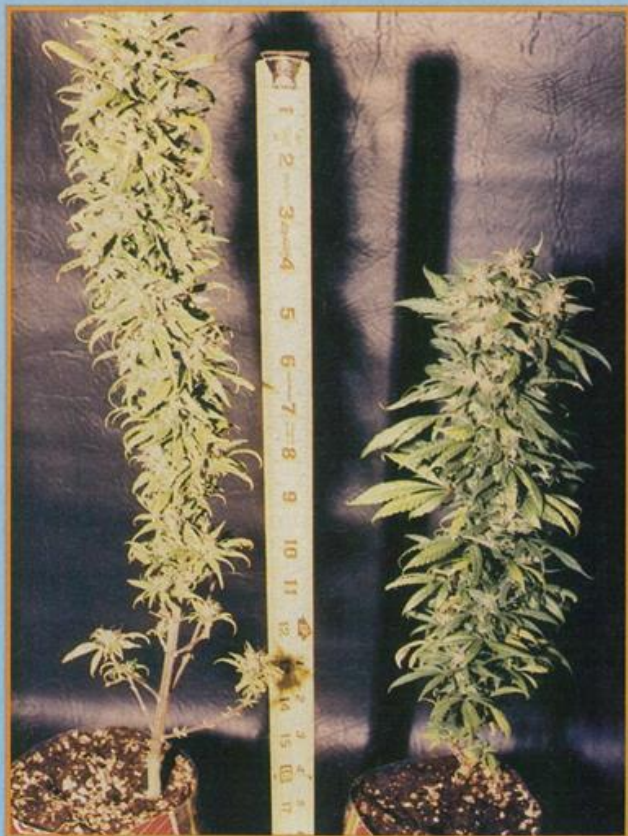
continued on page 75

ASK

BY ED ROSENTHAL

ED

BUD OF THE MONTH



The plants pictured here and 50 of their sisters were grown and flowered under fluorescent lights. I have used MH and HPS lamps with great success. They were needed to get enough light to the bottom of a three or four foot plant. With the reduction in plant size to the ones shown, fluorescent lights can and will do the job at a fraction of the cost.

These plants were grown from seeds purchased from an area grower-breeder. He guarantees 100% female plants and I've never had to call him on it. He pollinates with pollen from male flowers on stressed females. They produce all female seeds.

—Old Timer
Springfield, MA

Although you are doing well with fluorescents, the cost of running them is still considerably higher than it would be with HPS lamps. For instance, running four 8' fluorescents uses about 290 watts. Three 100-watt HPS lamps would provide nearly twice the amount of light. To provide just a little more light, you could use two lamps, saving 90 watts of electricity. Low wattage HPS lamps which come in 35, 50, and 70-watt sizes are sold in hardware and patio shops. These sizes are suitable for shelf growing.

PLANT OF THE MONTH



Budding *sativa* female approximately one month before harvest. The total yield was 2 1/2 lb. of dried bud. Its size was 12' tall, spreading over an area of 10' x 12'.

The plant started from seed dropped by its mother and sprouted in January. It budded lightly and took off in April. Its age at harvest was 10 months. Rain forced early harvest. I didn't know whether to enter it in the plant or garden contest.

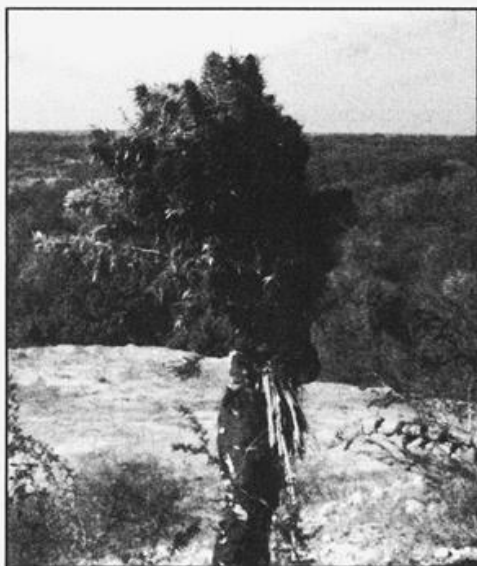
GARDEN OF THE MONTH



These plants are a cross between a California skunk hybrid and early bird Dutch. Plants are 5-7 feet tall but were tied down to prevent detection. It was so potent that after three or five tokes, your ass would float above your head.

—Strut
Monticello, KY

ARTISTIC PHOTO AWARD



Homegrown is the Best.
—Anonymous
San Antonio, TX

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I thought you would be interested in my new bonsais. Notice the same planter and the crystals. The buds on this little plant are huge and resinous.
—Upstate Poison Growers
Poughkeepsie, NY



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ASK ED

CFM

Dear Ed,

What capacity fan should I use for my small grow space of 24" x 36" x 48"?

I also have a tip. An easy way to apply reflective material permanently to your grow area no matter whether it is foil, mylar, or other reflective material, is to use a spray adhesive available at hardware and craft stores. It is the greatest. It is super-sticky, and holds forever under heat and moisture. Make sure to use it in a well ventilated area because of the fumes.

—Stoned Streamer
Nappanee, IN

The fan should remove the cubic footage of air about every five minutes. The space you described is 24 cubic feet. The fan required for the space should have a minimum capacity of five cubic feet per minute.

JIFFY PELLETS

Dear Ed,

When using Jiffy Pellets, is the nylon mesh supposed to be removed before planting?

—Tennessee T
Knoxville, TN

The manufacturer says that the nylon can be left on the cube. I have found that the mesh inhibits the spread of weaker root systems. To prevent this, either score the mesh in several places with a knife or remove it completely. It is easier to just score the pellet. This prevents it from disintegrating into a ball of peat.

GIBBERELIC ACID

Dear Ed,

What effect does gibberellic acid have on THC production?

—Greenhorn
Charlotte, NC

Gibberellic acid is a plant hormone which was first isolated from rice plants which were infected with a mold and growing very tall.

The hormone causes elongation of the internodes so that plants stretch out. In some (but not all) plants it also causes larger blooms or fruit.

There have been reports in some journals that gibberellic acid induces male flowers in female plants. However, in no experiments that I am familiar with has this worked successfully with marijuana.

continued on page 71

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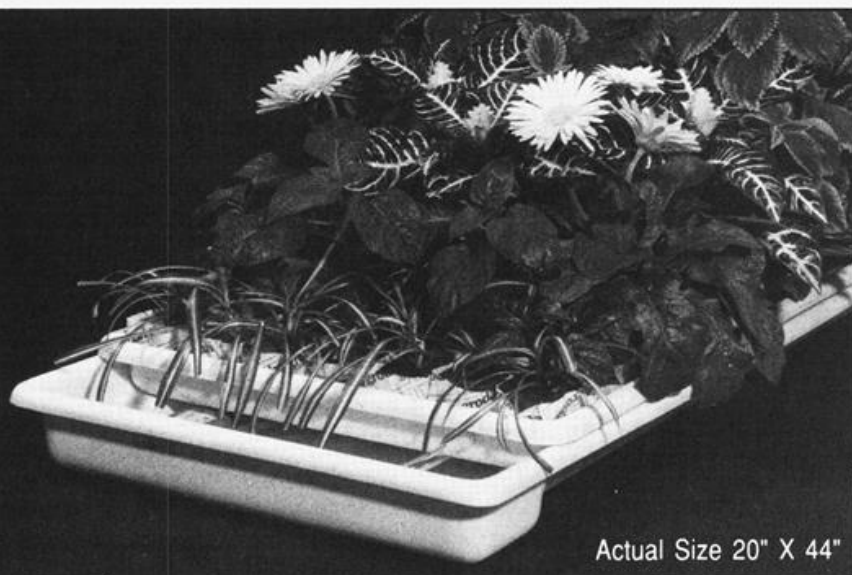
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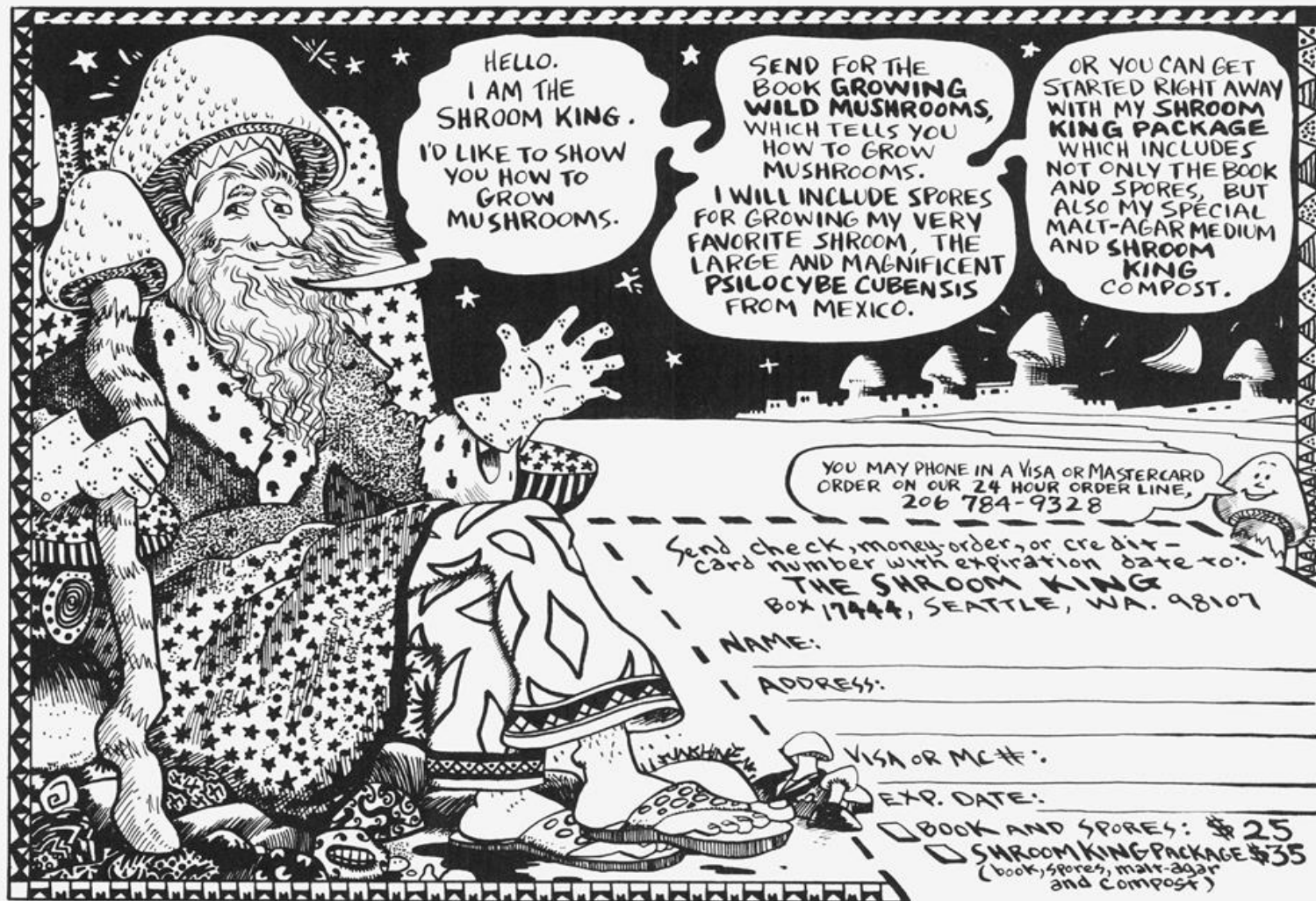
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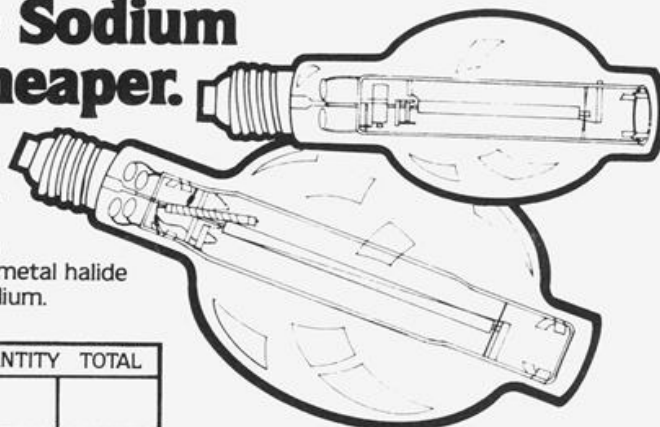
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SUMMER GROW TIPS

by Mel Frank and Kyle Roq
photographs by Mel Frank



by Mel Frank

Summer is the season of fastest growth, and cannabis can outgrow almost any plant. Under ideal conditions, it's not uncommon to see cannabis grow six inches a day. After preparation and planting are

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by Kyle Roq

Summer is the best time to scout out next season's patches. Look for well concealed spots with lots of weeds, especially thistles—a sure sign of desired nutrient level and ample moisture.

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continued from page 61

done, and males have been culled, a few precautions and attentive care can guarantee a maximum return.

Water deeply, and use mulch.

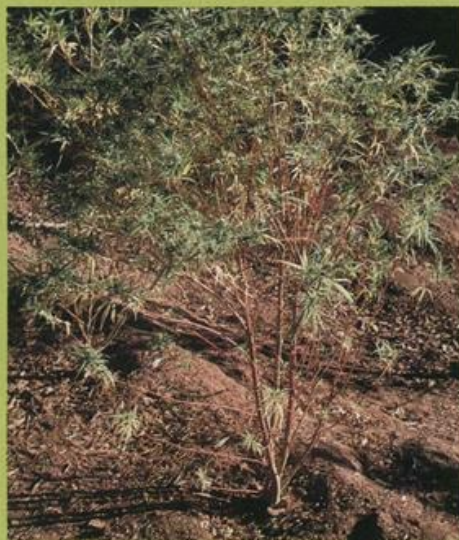
Deep waterings every few days are much more effective than a daily dose of a little water. Deep watering encourages an extensive root system which can support an immense plant. If you do anything at all, water, water, water. Mulch conserves water, and helps keep the ground free of weeds. A mulch of cocoa bean hulls is near in color to the red/brown soils of California, and therefore, less conspicuous to aircraft.



Nitrogen deficiency shows first on the lower leaves and primarily as a uniform yellowing of large "fan leaves."

Fertilize with high nitrogen fertilizers.

Ample nitrogen is crucial to fast growth; more than any other element, nitrogen assures a high yield. Any fertilizer with a good amount of nitrogen (the first number on fertilizer packages) will do. Fish emulsion (5-1-1) is a good organic fertilizer. Rapid-Gro at 23-19-17 is an example of a good chemical fertilizer. A standard 20-20-20 works just fine. What you don't want to use now, for example, are fertilizers with numbers such as 2-10-10 or 0-30-5. Watch for yellowing of



If nitrogen isn't supplied, the stems and leaf stalks turn red or purple. Yellowed leaves fall from the plant, and growth all but ceases until you fertilize.

lower leaves. If many lower leaves are a uniform yellow with reddish leaf stalks, and plant stems are red or purple, then the plants need fertilization with nitrogen.

Spread plants apart.

This procedure is often overlooked by even experienced growers, but it dramatically increases yield if plants are uncrowded. Use twine attached to cloth looped around the plant's stem. Tie the twine to a stake and gently bend the plant away from its neighbors. Any adjustment that gives the plants more room, more light, or reduces shading, significantly increases yield. Spreading the plants apart also increases air circulation which helps prevent rot.



This garden is filled with squat, bushy plants that were pruned to force branching and fill the space.

Prune tops of plants in gardens that have a lot of room between plants.

Cutting the topmost growing shoot forces side branches to grow, resulting in squat, bushy plants that fill more horizontal space. At this time of the year, growing shoots can be very potent, nearly as strong as mature female buds.

Repair breaks and splits with splints and black electrician's tape. Use pruning compound to cover open wounds. Maturing plants get top-heavy and may



Attach a cloth loop to protect the stem when using twine to spread the plants apart or to support a fallen plant.

be uprooted by rain and wind, which also can break branches. Return fallen plants to their original, upright positions and hold them with the same cloth and twine method used to spread the plants apart. As long as the root system has a ball of soil, or a broken branch remains attached, it will heal, if given proper care.



Use wooden stakes to support fallen plants or to anchor plants that are spread apart.



Twine or tightly wound cloth cuts into the stem and may kill the plant.



Black electrician's tape, wood splints and pruning compound are all you need to help the plant heal splits and breaks.

Remove any dying leaves and examine the undersides of some healthy, lower leaves for insect eggs, nests, and

larvae. Lower leaves can harbor eggs and larvae of pests that infect your seedlings. By removing infested leaves, you break the cycle. While the plants mature, they won't be subject to sudden outbreaks of pests. Place all damaged leaves in a bag and take it out of the garden. Don't simply discard leaves on the ground. As long as they remain in the garden, eggs can hatch and pests will infect your plants.



As long as a broken branch remains attached, it will survive when sealed with pruning compound.



Broken branches with mature colas show that, with proper care, split branches can return a good harvest.

Besides removing dying leaves, keep the ground clear of fallen leaves, and plant debris. You won't necessarily realize how you've benefitted from this work, because you will have prevented insect and fungal problems from ever arising.

Spray *Bacillus thuringiensis* (a bacteria that kills problem grubs and borers) as a preventative for not only the grubs, larvae, and borers that may devastate this year's crop, but also to break their life cycle. If you have borers this year, next year will be worse. You could easily lose all of your next crop to

these beasts unless you take action now. *B. thuringiensis* is sprayed like an insecticide at two week intervals. It's completely safe to use and won't harm you or beneficial insects. Dipel, Thuricide, and Attack are three brands among many, but any brand which lists *B. thuringiensis* as the active ingredient will work very well.

Seek is another product that works well against borers. Apply Seek as a prophylactic mulch, or inject it directly into channels or tunnels, to kill grubs and borers.

Spray insecticide if your plants are seriously damaged.

Naturally, some insects will be on your plants, but it's not necessary to eliminate the pests unless the damage is more than cosmetic. Use any insecticide that targets the pest doing damage, but make sure the insecticide is intended for vegetables or fruits, and note the number of days to wait before you can safely ingest the crop. The label on the insecticide lists the insects the product controls, and also the time interval to wait for safe harvesting.

Watch for invasive vines which can strangle a plant. This simply means looking after your plants. There are many parasitic vines that use the cannabis stem for support. Cut the vine at its base if it's too difficult to pull up by the roots. Unravel the vine from the plant's stem.



In the wilds, chicken wire completely surrounds plants to protect against deer and rodents.

For severe deer and rodent problems, completely surround your plants with protective chicken wire. If deer are eating your plants, surround the garden with several strands of monofilament fishing line. The deer can't see the line and are "spooked" when they touch it.

Lastly, make sure that hoses, buckets, pumps, and other gear are buried or well hidden. Equipment, particularly hose-line, is the easiest evidence of an illicit operation to detect both visually and by infra-red equipment from overflying aircraft. Keep your mouth shut. Stifle your pride and tendency to show off your prize patch. Wait until after the harvest is secured before bragging. Even then, discretion is the best policy. ●

continued from page 61

Summer is the best time to scout out next season's patches. Look for well concealed spots with lots of weeds, especially thistles—a sure sign of desired nutrient level and ample moisture.

Using cuttings gives you a jump on the seasons; less trips to check up plus less time in the ground plus less height equals less chance of discovery. If all cuttings in one area are from the same mother you can count on all the plants in that patch finishing up about the same time. If the plant doesn't have to get tall to get good light, you'll have a higher percentage of your plants remaining undiscovered. Dependable seed stock makes dependable clones.

If you have access to a fireplace, take a bag of ashes to mix in with the soil when you plant your cuttings; they like it. Watering can also be supplemented anonymously with polymers, a gift from the Pot God Ernie. While you're at it, soak them in a soluble nutrient.

Small chicken wire cages help cuttings get established without interference from small ground animals. Cut the wire into 8" squares; secure the bottom by burying it. Since adult stems can easily grow through you don't have to trip back only for removal.

Onions and garlics planted by your cuttings do more than keep away vampires. Have you ever bitten into a clove of garlic that had a worm in it? It's much better than spraying young plants, and equally effective in keeping insects at bay.

As your plants get larger in the summer sun, it's great to know that rabbits and mice will always stay away from moth balls.

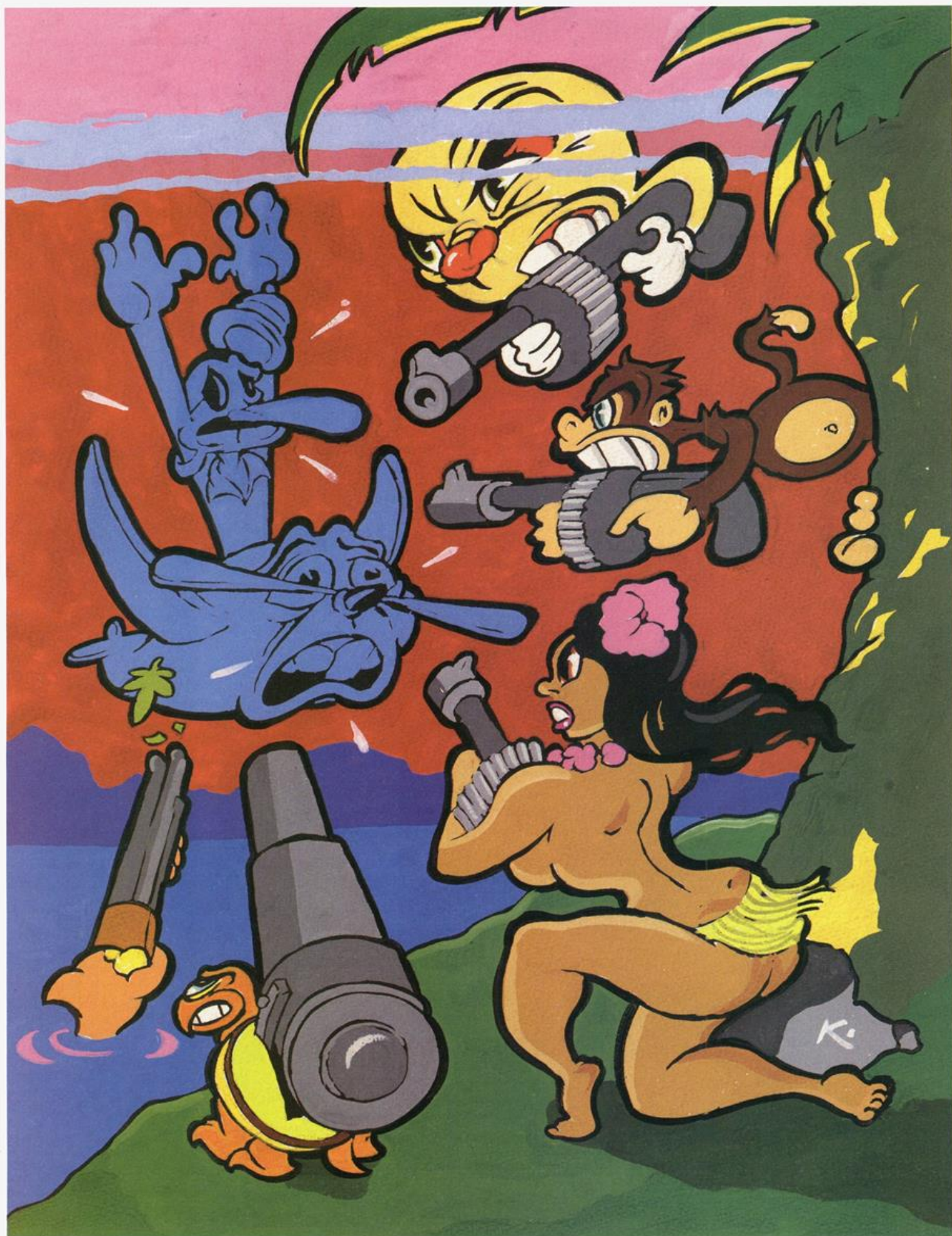
If possible, pruning every one to two weeks, as needed, will give a larger yield as well as keep down the height of your plants. Stop pruning two to three weeks before flowering begins. You don't want to be cutting off prime tips when the plant has already started flowering.

As fall approaches, if you're in an area where touches of frost might occur, here's a neat trick: Strip your plants of all her leaves, leaving only resinous buds. Otherwise, leaves can freeze long before the buds, and kill the plant. By doing this, you've bought yourself 2-3 weeks of valuable grow-sticky time. Pull your plants just before the first heavy frost.

And don't forget a toke to honor the Pot God Ernie. ●



Exposed irrigation hose is the easiest sign of an illicit operation.



The Bright Side of the Light **Part II**

by Thomas Paine

The experience of being in jail did nothing to slow me down. My hatred of tyranny had always run so deep that I could not cease my efforts, for I viewed the international marijuana laws as extensions of an historic United States policy of audacious imperialism—merely another tool utilized by the plutocratic elite to keep the people suppressed. I was back in New York for less than a week before I had bought a new phony driver's license and two round-trip tickets for Montego Bay.

I was now doing business exclusively with Reds, who had accumulated a quarter-acre of red clay jungle land, a three-bedroom house with plumbing and electricity, and a Volkswagon van. By Jamaican standards he had become quite prosperous.

By owning his own house, Reds became a boon to our work. Now we had no reason to rent from stupid or potentially hostile strangers, adding to our chances for success.

I gradually brought down new investors, taught them the ropes in exchange for supplying me with exclusive US distribution rights at reduced prices, and generally increased my income.

As I drove up past the Ocho Rios golf course towards Reds' house, I mentioned to one such investor that Jamaica was much different from New York; the culture tended to be relatively primitive, as he would soon see when we arrived at the house.

Kelsie, Reds' plump Jamaican wife, was hanging the laundry on the clothesline when we got out of the car. She waved at us, exhibiting a broad grin. I was one of her favorite people. She was happy when I pulled out a box of 50 pairs of children's Levis and handed them to her, explaining that they were for her children as well as the neighbors'. I had bought them on a whim that morning in upstate New York on my way to the airport. Jolly, easygoing, and good-natured, Kelsie would be only too happy to distribute the pants.

"Where Reds is?" I asked.

"Him soon come," she said, which could mean any time between now and next year.

My friend and I entered the barren kitchen hoping to find a Red Stripe beer. I opened the ice chest, which was typically devoid of ice, to discover a trail of ants an inch thick entering the chest and feasting upon a cow leg with hoof, hide, and mud still intact. A grisly stream of coagulated blood pooled on the bottom. What meager meat existed was becoming ripe.

"Kelsie, what the hell do you have in dis box?" I asked, pointing to the gruesome mess.

"Dot is cow foot for cow foot soup. I make for supper. You no like?" How could anyone fail to like cow foot soup?

"I'll pass," I said.

Reds arrived later, drunk as a skunk. I introduced him to Danny and told him that Danny would be doing business for me. Reds was happy to hear there'd be more work. He made 10% for copping the weed, and \$1,000 for helping with the extraction.

"Reds, you have seen Thirty Schillings?" I asked. I was concerned with him because he had almost attacked a friend of mine with a machete. He had hard feelings towards me because he felt I had ripped off his connection, and he had cornered my friend in Oche thinking my friend was me. Thirty was ready to bludgeon him until he realized he had the wrong person. However, he must have forgotten that it was under his tutelage that I had been busted. I didn't feel that I owed him a thing.

"Thirty, dem day blow up dem house where dem day make dem oil," said Reds.

Thirty had entered into an agreement with some friends of mine from Baltimore. He had gotten everything going, and they were in the middle of the extraction when Thirty entered the evaporation room, thick with acetone fumes, with a lit cigarette in his mouth. The explosion tore the roof off the house, and what remained burned to the ground. He was quite fortunate, escaping with only minor burns and lots of singed hair.

Enough evidence was left to arrest the traffickers. Again, "White boy, dem go a jail!" They were fleeced like me and deported. When nothing happened to

Thirty, I could see he was a rat.

As we moved into 1974, Jamaica was becoming too hot to handle. Police efforts increased dramatically, at the behest of the United States DEA, in a vain attempt at halting the flow of herb from the Central Highlands to the sea. I no longer accompanied Reds to the mountains to cop, relying upon him instead to handle my money. Reds always proved trustworthy and took good care to see that no evil befell me.

I learned a lot from my friend Reds and I will never forget him, nor will I forget his two most shining gems of wisdom: "If you tek good care of dee herb, dee herb, she will tek good care of you!" and "You must take good care of your children."

At 35, Mike was tall and blonde, suave and sophisticated. He looked quite handsome in his tortoise shell sunglasses and his khaki safari suit. He occupied the vanguard of radical smuggling chic, importing Afghani honey essence from Kabul to Jamaica. He had a scam where he drove a land rover from Afghanistan to Brussels, Belgium. He could hide quite a few gallons of oil in the false compartment he had welded under the rover.

There was lots of trade between Brussels and Zaire, so it was easy to ship the rover there, and then on to Haiti. Customs was lightweight in each country. From Haiti, Mike flew his own plane to Jamaica. Rather than smuggle the oil himself into the United States, he had his people come down to Jamaica to pick it up at super discount prices. His front in Jamaica was the music business. He knew Bob Marley and Jimmy Cliff and also hung around Keith Richards' villa near Oche.

I was having drinks one afternoon at The Pub in Oche; members of the Stones entourage were partying, and in walked Mike. We chatted and he told me he had just gotten back from Haiti. Did I want to cop some essence?

It sounded like a good idea to me, so he invited me to come up to his villa that night, high in the mountains above Ocho Rios. Although I was in the final stages of my extraction process, I accepted his invitation.



Mike's pad was tropical plush, constructed primarily of teak; the furniture, rattan. The garden was lush. It was situated on a ten-acre parcel, off the main road, and concealed by dense vegetation.

"Some friends of mine got popped at Miami International," he said, "carrying a gallon of oil inside some scuba equipment."

"I can't believe anyone would fly into Miami," I said. "That's the hottest airport in the United States."

"Yeah, I know," he said. "I warned them about that but they were sure their friend who worked for the airline could get to the tanks before Customs. They didn't count on the fact that the Feds had an undercover agent working for the airlines."

"I wish I could have talked to your friends," I said. "New York's a piece of cake."

Mike went to a back room and returned with a can of Texaco motor oil. He had his own canning machine in Haiti, and if anyone opened the can who wasn't supposed to, they just might think it was motor oil. The can was identical to the real thing, and Mike was very proud of his purchase of the canning machine. We smoked a bomber of Lamb's Bread mixed with the oil and got wasted. I got an ounce for \$200, and Mike poured it into a shampoo bottle after heating it. I said goodnight and left.

It was 3:00 in the morning when I pulled onto the main dirt road leading down past the Ocho Rios golf course to the main coastal highway. A mile or so down the road I rounded a sharp turn and was startled to see the flashing red and blue lights of a police roadblock. I had just been deported, and with the oil beside me I was confronted with a serious problem.

I slowed, and the police began to surround my car. I honked my horn and floored the gas pedal. As the police scurried out of my path, they saw a white hippie boy wearing a "Johnny-You're-Too-

Bad" style royal blue velvet cap whizz by.

Flooring the accelerator, I spun out with gravel flyin', and in a cloud of dust got the hell out of there before the police could get a good shot at me. Not one of their bullets even hit my car, although they did get off a dozen or so rounds before they stopped shooting.

I was scared and desperate. Adrenaline surged through my veins; my heart thundered, but my reflexes were better than normal.

I didn't know it, but there was a second roadblock at the bottom of the same road where it met the two-lane coastal highway near Ocho Rios. The police undoubtedly figured I would turn up in a few minutes at the bottom of the hill, as they knew that your average tourist would get lost in the jungle if he turned off the main road. I was not your average tourist, however; I had gleaned Reds' knowledge of the jungle by driving with him for months on these very same back roads, and consequently slid a sharp left around the turn, trying not to slow down too much.

I was 10 or 15 miles into the jungle when I backtracked down to the coastal highway, coming out far from the second roadblock, on the other side of Ocho Rios. It would only be a few miles to my rented bungalow, which was in the direction away from danger. I seemed to have eluded fate once again when I saw a flashing blue light, advancing rapidly towards me.

I had no time to do anything, and when they passed me they recognized my car and made a quick u-turn. With their larger car engine, it took only moments for them to pull alongside, fire a couple of shots over my roof, and order me by loudspeaker to pull over. I could see the ugly face of my enemy as he pointed a gun at me from alongside my car. He was driving so close to me I could have spit on him through our open car windows. I knew I would have to act quickly to dispose of the honey oil, but when I threw it out the window, it was impossible to hide my actions from the two police in the next car. However, we were moving quite rapidly when this occurred, so when I finally stopped, they were not quite sure exactly where I had been when I made my movement. Nor were they able to see what, if anything, I had thrown.

As they dragged me from my car, one of them kicked me several times in the ribs. He meant business, and he intended to discern what I had tossed from my car.

"What you trow, white boy?" one of them asked as he pulled my face next to his, nose to nose.

I told him that a Jamaican friend of

mine had given me four pot seeds and had told me that if I got caught with them, I would go to prison for many years.

They wanted to investigate, and dragged me back down the road, searching the ground with flashlights and knocking the back of my head with their knuckles. I didn't think it would be humanly possible to find that shampoo bottle in the middle of the night, but somehow they found it.

"Is dis what white boy trow?"

"No mon, I no see dis trash on dee side of dee road before."

They weren't sure, and they threw the bottle back off the road and we merrily waltzed back to the police car.

"We go to dee road *block*," he said, accenting the word "block." "You drive in front of us. If you run we shoot your white rass bumble clot."

I figured I had outsmarted them until we got back to the roadblock when who do I see directing operations but my old nemesis, the Captain, bedecked with his banana republic military decorations. He didn't recognize me, but he reached into my top pocket and pulled out a rolling paper I had used to wipe up some oil with, and which I had forgotten about.

"What is dis?" he asked.

I couldn't believe the irony, standing here before the Captain and having to bullshit some evidence back from him.

"Glue for my Jamaican stamp collection," I offered.

He put the sticky, messy paper back in my pocket and told me to get my "white rass back dem tourist hotel, mon."

On my way back to the bungalow I stopped and retrieved the shampoo bottle. My mules and I flew back to New York the next day and successfully cleared Customs at Kennedy Airport with ten pounds of Number One.

Keith, Fred, and myself flew to the Carribean cauldron of tropical paradise lost in mid-1974. I had delusions of retirement, and hoped this would be my last trip to Jamaica. This would be a big scam; we had over \$50,000 with us.

Keith and Fred were both distributing my product in New York, and they had accumulated both personal and investment capital with which to participate in this particular trip. Although I had thought we were all good friends, I was to find that this was not so.

My plan was to introduce my associates to Reds, show them the entire operation, and in return, I would reap half the profits from this one trip. It was an arrangement we had all agreed on before our departure from New York, but once Keith got to Jamaica, he wanted to

back out. He had met some "rude boys" in Oche, and they convinced him they could give him a better deal than he was getting from me. He said he wanted his money back and from now on, it would be dog eat dog. I was flabbergasted. Fred was to reveal his true self also, stating more or less that he agreed with Keith. However, it was impossible to give him his money back. I had already given the bulk of the money to Reds and he had already purchased the weed.

Things kept getting worse with Keith, Fred, and myself. After I had extracted two pounds of oil, I left with a mule for New York, totally disenchanted and disgusted with my two "good friends."

When I got back to my apartment on Staten Island, my neighbor had a message for me from Jamaica; Keith and Fred were in jail.

To this day I don't know how it happened, but I think it was talking to the rude boys in Oche that did it. Not only were Keith and Fred charged with possession of tons of weed, oil, and equipment, but Keith had had a vial of crystal LSD with him, and the police thought it was cocaine. It would take many months to have it analyzed, which would preclude any expedient solutions. I hired my attorney from New York to go down to Jamaica, but it took nearly seven months for him to get them out of jail. It cost me a fortune and I didn't even receive a thank you from them when they got out.

I had had it. I had decided to move with my kid and old lady to Hawaii. That was the last I ever saw of Jamaica.

A year before moving to Hawaii I had met a bullshit artist in "The County" (Marin) while staying out at Lagunitas with another friend, Sam Twosticks. I was paying Sam up the ass for da kine Hawaiian Puna Buttah, and Tommy was Sam's connection. Tommy was a man of the world who had lived in Kona since his discharge from combat in 'Nam in '67. He was a real scammer, and being over ten years older than me, he intrigued the shit out of me with tales of Peru and Mexico and the Big Island. He said I'd fit right into the pakalolo scene (pakalolo being Hawaiian for pot), and invited me to visit him. I needed little coaxing; I could see that Hawaii was happening, judging from the sno-cones Tommy was peddling from there. His buds looked like sugar was sprinkled over them, and they were one-toke killers.

As the plane circled Hilo for landing, all I could see were dark storm clouds below. Descending through cloud cover, our first sight was of a bright, beautiful rainbow crowning the summit of majestic,

snow-topped Mauna Kea. It was pouring with tropical fury as we caught a cab to the Crescent Manor Hotel, situated on a hillside overlooking Hilo Harbor.

Hilo is an Asian jungle town endowed with trees, sweet-smelling flowers, lush greenery and 118 inches of rain per year. At first the idea of so much rain seemed hard to get used to, but in time I would come to love it.

Because Tommy had said Kona was happening, we rented a car the next day and drove around the island. The two-lane road meandered, roughly tracing the coastline along the Hamakua Coast. The scenery was magnificent; sheer cliffs, hundreds of feet high, with waterfalls gushing down them, slicing through the thick jungle greenery into the lush valleys below, the streams continuing to the huge boulders at water's edge hundreds of feet below the highway.

The first hour or so the road went through huge sugar plantations extending from the slopes of Mauna Kea some eight miles mauka ("toward the mountain") to the edge of the cliffs along the coastline. Sugarcane as far as the eye could see.

All the highway signs were riddled with bullet holes; Hawaiian people do not fuck around. As we neared Waimea, the climate changed from tropical to Northern Californian. Lot's of pasture, cattle, and eucalyptus trees. Cooler weather.

Past Waimea, heading toward the Mauna Kea Beach Hotel, the climate became desertlike; scrubgrass and cactus. Much hotter.

We finally got to Kona, checked everywhere for house rentals, but found none available. We continued south, stopping here and there to ask about rentals, but still no luck. I was told there was a severe housing shortage on the Big Island. I checked at Keokea and Kealia with no luck and we continued past Hookena Beach turnoff toward Milolii, about 15 miles south of Kailua. I talked to a dozen local people and checked all the bulletin boards, but nothing was happening.

We had just passed the Milolii turnoff when I spotted a relic from 1967 Haight-Ashbury walking on the roadside. In his 50s, he had thinning, shoulder-length gray hair fashioned in pigtailed entwined with multi-colored yarn. With his scraggly goatee, thin mustache, tattered clothing, and general spaced-out demeanor, he had to be a lost religious cult nut. I pulled alongside him after making a u-turn.

"Need a lift?" I asked.

"Sure do. Much obliged."

He hopped in. His name was Jewel Zuquois, because he wanted a name containing the letters "J", "Z", and "Q", he said.



MILTON KNIGHT

continued on page 72

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TWO GARDENS

continued from page 54

space with high quality plants. The seeds were germinated in Rockwool pellets, pushed about a half inch into the fiber. A few seeds were planted too shallow, and were unable to realign themselves. The Rockwool germinating slabs were placed on small pallets so that they were not touching the heating mats underneath. In an effort to save a few dollars, Sharky neglected to purchase a thermostat for the mats. This dubious logic cost him 3/4 of the seeds he planted. The temperature in the trays climbed to over 85°F, spelling the seeds' doom. A few trays which were not placed on the heating mats had a much better germination rate.

The flowering room is filled with buds. Sharky has two groups of Dutch plants. The first was grown for seed and some of these plants have matured, but the rest of the batch are still ripening. The other group consists of some of the plants which Sharky started out with originally. These plants are a mixed group, mostly *sativa*-looking, but there are a few hybrids and *indicas* mixed in. Some of the plants are six feet tall when stretched out, but they bend over, interfering with the other plants' light. The *sativas* have long internodes and airy, loose branches.

Sharky has been working on this problem, too. He is pruning some of the lower and side branches so that each plant winds up with a main cola and a few branches. The tallest, most gangly plants seem to have the least bud development so he is eliminating them from the garden. He feels that by

removing extraneous material the plants will get better light and grow bigger buds. The Dutch plants are to be pruned too.

The trimmings are not being discarded. The lower and side branches have not received much light, so the leaves are looking pale and the buds relatively undeveloped. Sharky has decided to grow the cuttings in the flowering room. He is preparing to give them a weak water-nutrient solution supplemented with corn syrup at the rate of about a tablespoon per gallon. Corn syrup consists of plant sugars. Since the cuttings are stressed, he figures the extra sugar, normally produced by the plant as a product of photosynthesis, will give the plants some vigor and enhance their growth. He hopes that the buds, small because of their position on the plant, will fill out given better light. With the fan leaves trimmed, they can be spaced closely together, so that the yield per square foot of space will be relatively high.

Sharky comments that growers sometimes become lackadaisical about things like trimming because it is so tedious to do. He is a one-man operation and wants no one else to be involved. If he could hire someone, as a legal business can, a trimmer could be had for \$5-10 an hour. Instead, he has to do the work himself. He says that he sometimes has half a mind to neglect trimming. But when he realizes that those trimmings might represent anywhere from a half-pound to a pound of trimmed, dry bud, it motivates him to buckle down to the hours of tedious work. ●

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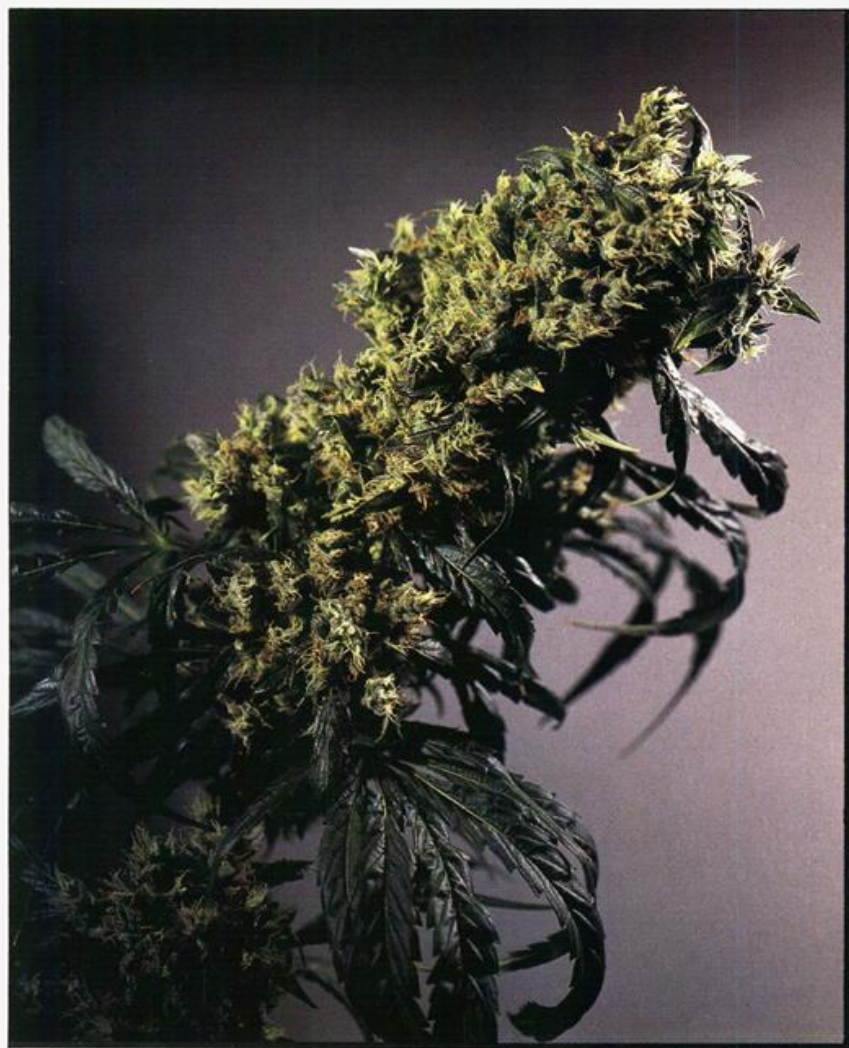
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ASK ED

continued from page 58

SHORT VERTICAL SPACE

Dear Ed,

I'm using a 400 watt MH with a vinegar and baking soda CO₂ system.

There is only 3' between the top of the containers and the bottom of the horizontally mounted bulb. How tall should I grow my plants before forcing them to flower?

Should I switch to a HPS conversion bulb for flowering?

—Tired of Paying
Kalamazoo, MI

Different varieties continue growing to different heights after they are forced to flower. *Sativas* sometimes grow an additional 2-4 feet, *indicas* 1-2 feet, and hybrids somewhere between the two. Most indoor domesticated strains will be harvestable in a system such as yours. Using four females per square foot, the plants should be forced when they are 10"-12" tall.

A conversion HPS bulb would increase total productivity of the garden during flowering.

WEIGHTY SOLUTION

Dear Ed,

I just harvested my first crop and found that the yield was increased by bending the branches horizontally so that the light coverage was increased. Rather than tie the branches down I found an easier method.

I simply attached Christmas tree ornament hooks to the branches and then hung fisherman's lead sinkers to the hooks. By varying the location of the hooks on the branches and the weights attached to them I was able to adjust the branches for maximum light penetration.

—Hoochman
Lincoln, NE

Thanks for the tip.

GEOGRAPHICAL STUMPER

Dear Ed,

The Netherlands Antilles are a group of islands in the Caribbean which are governed by the Dutch. Do they tolerate the use of cannabis there as they do in Holland? Do they allow coffeshops? What's the real story?

Note from HIGH TIMES Editors: We tried calling the local tourism board, but weren't able to get a definitive answer. Can any readers help us?

continued on page 73

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Light

continued from page 67

It just so happened that Jewel had talked his way into the first option on a rental down the road a piece. He said the house needed only "minor" repair work and a deposit of \$500. He had no money, so if I were willing to rent the house and fix it up, I could live there. Normally I wouldn't have considered such an outlandish proposal, but with housing being so short, I didn't seem to have any alternatives at the moment.

We drove back toward Captain Cook, turning into a makai driveway (Makai—"toward the sea," as opposed to mauka—"toward the mountain").

The yard was overgrown with tall, unyielding California grass and wild guava. Impassive jungle surrounded the 1/4 acre yard and extended some ten miles down the mountain to the sea.

The stairs leading to the front door were termite infested and rotten, and the handrail seemed as if supported by rubber bands. A storage room to the rear of the front porch would make an ideal room for Jewel, as he was too weird for me to want living in the same house as my family.

The front door tilted on its hinges, the living room was lit by the beams of sunlight streaming through the multitudinous termite holes in the four walls. Whole planks of wood had disintegrated, piles of sawdust and termite waste embellished the floors. There'd be more plaster than wood by the time I finished fixing it up.

The basement served as our kitchen, complete with antique gas stove, enough cobwebs for a haunted house movie, and lots of animal shit. As with most Hawaiian houses on the Kona Coast, there was no bathroom, just an ancient outhouse. With Hawaii's abundance of hearty mosquitoes, I knew it would be a jolly midnight trot to take a shit. Throw in the multitude of gargantuan cockroaches and cane spiders and we would have a big, happy family.

I was quick to note a 3' high stone fence partitioning our yard from the surrounding jungle. Similar walls were scattered all over the Hawaiian Islands and were said to have been constructed in ancient times by the Menehunes. Did the Menehunes really exist? The Hawaiian people say they were a race of servant class people, dwarves with light skin and red hair. Captain James Cook wrote of seeing them on Kauai, stating they were skilled in stonemasonry. Legend has it they arrived in Hawaii before the

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continued on page 77

ASKED

continued from page 71

POLLEN POLLUTION

Dear Ed,

My farmhouse is within spitting distance of a couple of large patches of hemp. How can I filter the incoming air to avoid pollinating the plants? I need the fresh air to keep the temperature down.

—Professor

Guttenberg, IA

There are several solutions to the problem. Air could be drawn through a small evaporative cooler which would cool the air by pushing it through a porous fiber material saturated with water. Pollen would be captured by the moist material. Some household watercoolers bubble air through water to cool it. They will also capture pollen.

If you could eliminate the males from the field after they are sexed but before they released pollen, the air itself would not be contaminated. Another advantage to this is that the females in the field could be pollinated with pollen from your superior plants. The hybrids resulting from this cross would have some potency. A few generations of controlled pollinations of the stands would improve the quality of the "wild" stand to the point of high commercial value.

DIMMING LIGHTS

Dear Ed,

I noticed that light bulbs and tubes have an average life. Do they lose their efficiency before they completely burn out? If they do, how do I know when to change them?

—K.B.

Goodspring, TN

Fluorescents, metal halides (MH) and high pressure sodium (HPS) lamps all get dimmer before they burn out. Fluorescents may lose 20-30% of their lighting potential before they go. The MH and HPS lamps lose a little less. Usually gardeners do not notice the loss of efficiency unless the lamps are compared with a new, brighter light source.

Switching lights on and off lowers lamp life and efficiency, so it is hard to say when the lamps should be replaced. Light meter comparisons can be used to determine when the efficiency has dropped, or the old lamps can be checked against a new one. (First let the new lamp "cure" by leaving it on for a couple of days, then compare the brightness.) Replace the lamps when the efficiency falls by 15-20%.

continued on page 76

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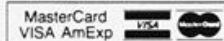
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D.C.

continued from page 55

been making a strong appearance in the past few years. "Indos" are sold in kilo-sized bricks that have a distinctive funky, cheesy smell. Many people confuse this smell with mold. "Where the hell has this stuff been sitting?" remarked a friend after opening a bag of Indo. Even the freshest bags have that funky smell.

Hawaiians have been a major disappointment this year. A lot of growers got busted, others are growing less or getting out of the business altogether. Of the few strains of Hawaiian I sampled this year, none approached the quality of previous harvests.

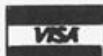
The most interesting variety I've seen recently is not an import, but a Mexican-Thai strain grown in California by a breeder who hates *indica* (see photo). While this hybrid may not be as impressive-looking as a pure *indica*, it produced a strong, expansive smoke with an unusual "leathery, fruity" smell. I would love to see a lot more of this pot on the domestic scene.

Any comments or questions? Write D.C. c/o HIGH TIMES, 211 East 43rd St., NYC 10017. •

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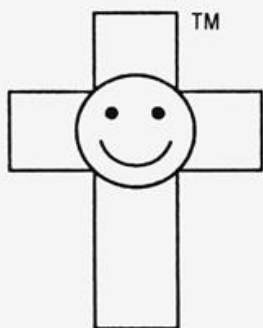
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ASK ED

continued from page 73

UNCLIPPED PLANTS

Dear Ed,

I am a guerilla grower in the South. Last year I didn't clip my plants. They grew straight up with no branches, just one big bud on top and leaves coming off the main stem. I've seen pictures of unclipped plants before and they all had side branches. What's going on?

—Name Withheld

Charlotte, NC

Marijuana has a tremendous genetic diversity so it is hard to make a definitive statement about any plant's growth characteristics. Most *sativas* and many *indicas* naturally grow into some sort of conical formation with long side branches at the base of the plant. Each succeeding set of branches is shorter. The plant tapers to a single main stem at the top.

However, this is not the only configuration genetically programmed for marijuana. Some varieties, such as Moroccans and some Lebanese, grow single-stemmed plants with virtually no side branching. Other varieties also have this characteristic. The plants you grew were among these. Cutting the top growth will encourage branching a bit.

Figure out the direction of light from the sun in the fall, when the plants need light energy for bud growth. Cut limbs which block this light.

NORTHERN VARIETIES

Dear Ed,

I am planning on making planting holes for my outdoor crop. After digging the soil I plan on mixing it 50-50 with a mixture of dehydrated cow manure, peat moss, bone-meal, and lime. Do you think that this is adequate?

What strains of cannabis would you recommend for me, a northern grower?

—The Baker

Worcester, MA

Rather than using peat moss, compost could be a better ingredient in the mix. The final pH of the soil-mix should be 6-6.8. No more than 15% of the mix should be composed of manure.

Early season plants will do best in your area. These plants will respond to the light cycle while the days are still relatively long. Some *indicas*, hybrids such as Early Pearl and Early Girl, William's Wonder and the Durbans will all mature before frost.

continued on page 85

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Light

continued from page 72

Polynesians, and one day they all disappeared into one of the hidden valleys along the Napali Coast of Kauai, never to be heard of again. I finally ran into my Marin County friend, Tommy, in Captain Cook about a month after I arrived in Hawaii. He invited me and my old lady up to his pad for dinner.

Tommy lived in a coffee shack nestled in a coffee plantation on the slopes of Mauna Loa high above Captain Cook. He knew lots of growers, but he was not one of them, unlike he had told me in Marin. I would find him to be the sort of typical bullshit artist common in "The County." Despite this, however, Tommy did sell the finest buds on the island, and when I arrived he took out buds and scissors and rolled one da kine. His old lady, Terry, pulled some cold Heinekens out of the fridge, and as we toked on the excruciatingly strong and sweet smoke and sipped our brews, Tommy mentioned he had a houseguest staying with him named Kenny.

Kenny had recently arrived at Tommy's from Maui where he had just experienced a close brush with the law, having sold a pound of hash to an undercover narc at his house on Makena Beach. What saved him was his pitbull dog, who started barking when the vice squad pulled into the driveway. The police had to shoot the dog, but Kenny got away with not only his hash, but the stupefied narc's marked money as well. It was really funny making the police look stupid like that, but they were not about to let Kenny have the last laugh. In any event, he made his way through the Kiavi tree forest and hid out for the night. The next night a friend took him on his fishing boat to Kona. Kenny was so paranoid the preceding day that when Tommy's German Shepherds started barking, Kenny ran halfway up Mauna Loa before Tommy could find him and let him know it wasn't the police.

Tommy was just getting started telling me about Kenny when Kenny suddenly made his grand appearance. He seemed real hip, a man of the world accustomed to the finer things. He was handsome, blond, with piercing grey/blue eyes, one of which was malfunctioning and fixed in a ethereal stare, sometimes giving him a wild look. He seemed to look through a person, to their very soul. His impish grin failed to hide something about him which seemed dark and forboding, almost evil. He had been born and raised on Maui, was very athletic, and boasted not only of his 1/16th Hawaiian blood, but also about the fact that one of his

ancestors came to America aboard the Mayflower.

We hit it off very well, having much in common. Kenny had grown up hanging around with various members of the Brotherhood of Eternal Love, so he was no stranger to the drug scene. When I mentioned Jamaica, Kenny said he had just gotten back from there. This remark elicited a disapproving cough from Tommy, and Kenny changed the subject. He wanted to show me something, and went to fetch it from the guest bedroom. While he was gone, Tommy explained that Kenny went to Jamaica with Tommy's money to make oil, but had wasted the money on a good time instead and had returned with some bullshit excuse about what had happened to the \$2,000.

Kenny returned with a guitar case in hand and opened it to reveal an expensive electric guitar, the neck of which was hollowed out and could be used to conceal a kilo of cocaine. Kenny seemed to be speaking my language; I was most impressed with his guitar.

Upon finishing a bomber of Hawaiian from a cross between Thai and Hindu Kush, Kenny slyly indicated that I follow him outside, where we proceeded up through the many rows of coffee trees to one particular tree where he had hidden a stash on one of the branches.

"Do you whiff heroin?" he asked.

This unexpected question took me aback. I had tried smack a few times as a teenager, had never liked it, and I certainly disliked junkies. But somehow, far from the mainland, my old values faded into insignificance and I succumbed to one of the occupational hazards in Hawaii: pure Golden Dragon #4. I do not wish to digress from this story; suffice it to say that I got strung out in Thailand and smuggled smack for several years before finally getting off it and back to growing weed.

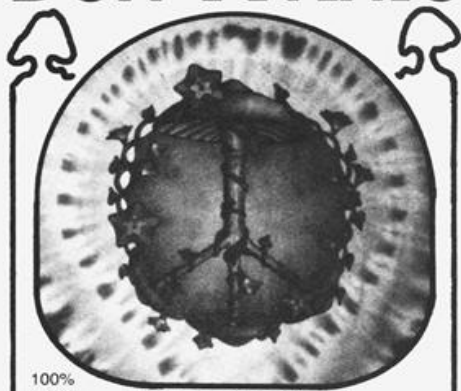
"Yeah, I whiff heroin," I answered.

I saw Tommy occasionally in the following weeks. The police had been to his house looking for Kenny. Kenny had called his old lady collect on Maui from Tommy's, and the police traced the phone bill. Tommy was pissed. Kenny was living on Hilo-side near Honomu.

A month later, Tommy came to my house and saw the backyard jungle extending down the mountain slope for ten miles to the sea. He said I ought to plant some pakalolo there. ●

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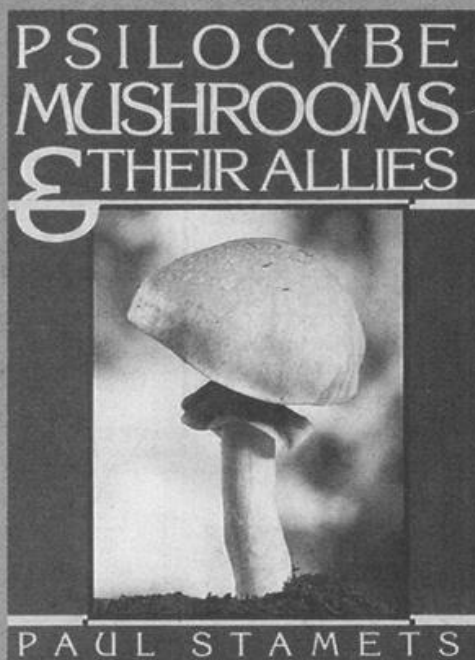
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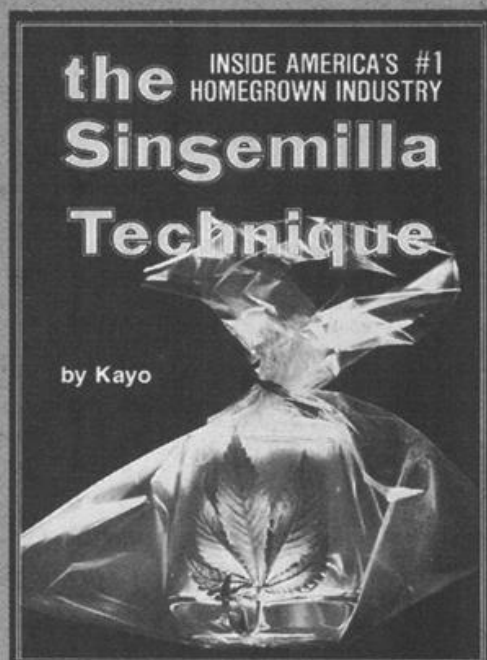
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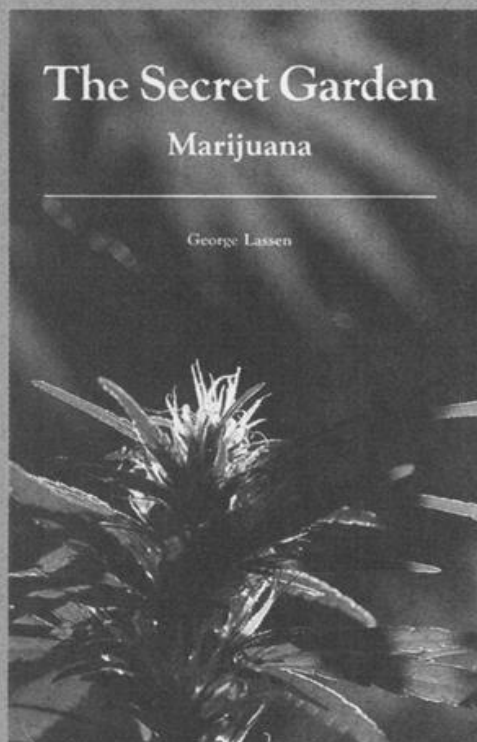
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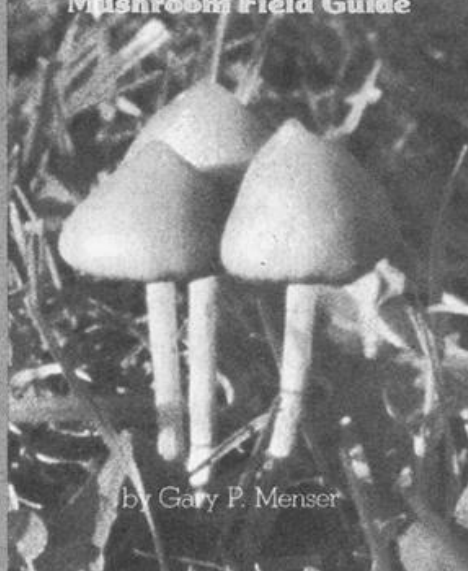
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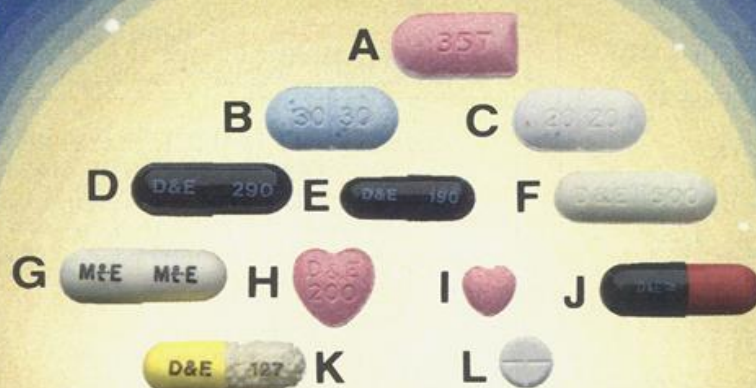
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ASK ED

continued from page 76

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—Aspiring Grower
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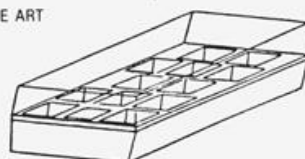
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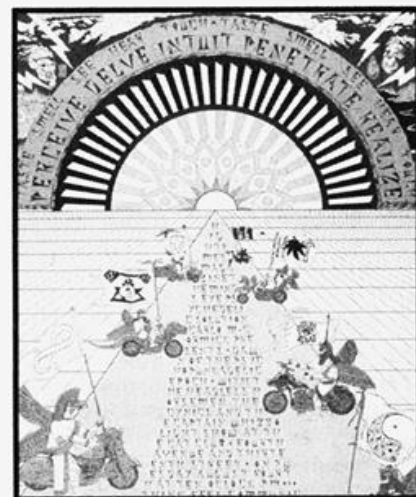
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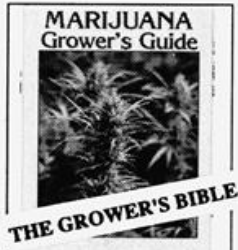
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Cheech

continued from page 41

HT: You're not thinking of leaving the country, are you?

CM: Naah, it's cool. This is the best country that's going. I like it here a lot. Love it here.

HT: In school, they teach you that all drugs are going to kill you or make you an addict. Then you discover for yourself that things are different.

CM: Yeah, hey! I'm not saying drugs are good or bad or indifferent. It's the same as alcohol. You can get drunk or you can have a nice cocktail, you can smoke a joint or you can do ten vials of crack a day. I don't know what to tell you, don't do it, you know, use your brain... what little brain you have left. But me telling them not to do it ain't gonna do it.

I don't know what the solution is, so don't ask me. I've found my most powerful weapon is to make people laugh for a little while.

When we were in Cheech and Chong, they used to send us into prisons a lot in California when they really got out of hand. When there were a lot of killings they'd send us in. We'd do a show and it would calm them down on the most basic, primal level, you can see how that works.

HT: They probably liked you.

CM: Yeah, 'cause we took them out of there for an hour or two. It's the same way humor works in society in general—it eases the tension. If I have a mission in life, or a goal, that's it.

HT: It's important to laugh. It makes good chemicals in the blood.

CM: Yeah—it cures cancer.

HT: What about future projects?

CM: Who knows? The nose knows.

I've been writing alot. I did a Disney movie, *Oliver and Company*. That was fun. I took my son to the opening and he was like, "Wow! These are the real movie stars!"

HT: What do you think is the future of dope humor?

CM: It's coming back. I want to be there when it comes back. Humor is humor whether it's based around dope or politics, as long as it's funny. The thing is, you laugh because it's true. If it's not true, you can cough up a laugh, but generally the best laughs have a ring of truth. If there's jokes about dope, it better be true.

HT: There seems to be a political climate against dope humor.

CM: Well, I haven't done dope jokes in a long time. If it swings back the other way I want to cash in on it.

HT: Are you going to work with Chong again?

CM: Everything's always open, you know. I like to keep my options open and my powder dry. ●

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No other magazine in the world keeps people up to date on how to pass urine tests or recent developments in drug-testing technology. In these back issues are our most definitive and useful articles on the subject.

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Feb. 1984 No. 102

G.I. Piss-Test Program Unravels; Spook Tech 1984: Gadgets and Gizmos to Get Back at Big Brother; Joe Coleman: Geek Cartoonist; The Right Stuff (by "R"); John Keel, Part 1; They're Selling Ergotamine Tartrate! (by Dean Latimer).

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Jan. 1986 No. 125

Big Bosses' Guide To Piss Tests (by Dean Latimer); Psych Out!; Art Fink; California Calling: Pot's In A Name? (The history of marijuana terminology); Quest For Firewood (illustrated by R. Crumb).

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On the cover: Heavy metal liebchen Doro Pesch of Warlock.

HIGH NOTES

by ERIC DANVILLE



Doro Pesch with Warlock.

In the lion's den of rock 'n' roll, women all too often exist to provide the daily recommended requirement of vitamins T & A to stimulate the proper growth of a band's groupie-grinding gonads in rock videos. When women dare *perform* rock 'n' roll, they are all too often looked upon by record company execs as tokens or novelties, condescendingly allowed onto a bill as the opening act. But in the world of the lion, it is the *female* of the species that goes on the hunt, makes the kill, and sustains the rest of the pride. Keep it in mind as you read on...

This month, High Notes lends an ear to the new solo effort from Teutonic *metalfrau* Doro Pesch of Warlock. To be honest, I had never heard Warlock until about six months ago, but I was fortunate enough to have seen Pesch interviewed recently on MTV's *Headbanger's Ball*, where she mentioned she would cover Procol Harum's "A Whiter Shade of Pale" (always a favorite song of mine) on her next album, and said that she was influenced by Janis Joplin (another fave). Lots of bands have intriguing influences, though; it's what is done with them that tells where an album will wind up in the grand scheme of things.

Force Majeure (PolyGram) winds up somewhere in the no-band's-land between Megadeth thrash metal and Bon Jovi love metal. Musically, it offers the same brand of goodtime rock that fills stadiums with raised fists and concessionaires' coffers with cash; blitzkrieg guitar and machine gun bass over Pesch's just-rough-enough vocals (making it appealing to *der metalkinder* and palatable to non-headbanging *popkaisers* like myself at the same time), proving that not only can she take on the boys on their own turf, but she can beat a good portion of them at their own game.

It is lyrically, though, that *Force Majeure* shows the inherent difference between most female

rockers and most male rockers; Pesch doesn't tread the waters of standard rock topics like Satan, pussy, or random wholesale violence. When not singing generic anthems like "Hellraiser" (the only real dog on the album), Pesch opts for an almost Joan Jettish assertiveness to express the teen angst that rock in general (and metal in particular) embodies. Her lyrics are not necessarily anti-anything (parents, authority, etc.) but pro-*self*, an attitude taken in such songs as "Under the Gun" and the fast-fingered boogie metal of "I Am What I Am", and which sounds doubly sincere and fitting coming from a female singer. Which is good, because rock 'n' roll isn't just sung *about* women any more—it's sung by them and for them, originating from their point of view, addressing feelings and problems applicable to both the white teenage males that makes up a healthy chunk of today's heavy metal audience *and* metal girls, who can also identify with the message on their *own* terms. For guys to ignore this or disregard the fact that women can rock as well as their male counterparts would not only deny the validity of women performers but would also cheat themselves out of a good time.

But don't think that listening to *Force Majeure* will be like an hour in assertiveness training class—



there is rock for rock's sake here, and plenty of it. I could imagine "Angels With Dirty Faces", "World Gone Wild", "Cry Wolf", and "Save My Soul" being performed in arenas across the country to wildly successful results. I could also imagine a package tour of, say, the Pandoras, Lita Ford, Girlschool, and Doro Pesch—if those impotent hucksters otherwise known as rock promoters had the balls to schedule one. It couldn't do any worse than the Monsters of Rock tour, could it?

To Doro's credit, *Force Majeure* isn't confined to mere heavy metal, either: There are two ballads, "River of Tears" and "Beyond The Trees", the latter of which displays true guts by backing up her throaty, accent-heavy voice with just violins and the felt-hammered strings of a piano; her version of "A Whiter Shade of Pale" is at least a thousand times better the auditory rape of Janis Joplin's "Piece of My Heart" committed by Sammy Hagar a few years back; and her entrancing German-language vocal on the a capella "Bis Auf's Blut" ("To The Blood", roughly) is a impressive way to end a very enjoyable and surprisingly satisfying metal album.

Finally, on to the obvious question of Doro Pesch (and women rockers in general) in terms of tits and ass appeal: There's no denying that Pesch and most women performers, whatever the field, are very attractive and more than adequate fantasy-fodder. Of course... but so are most male performers, for that matter. Part of the job of anyone in the public eye to appeal to the public's eyes. It's when an act like Vixen tries to get by on *just* their looks or their image that the audience is cheated. And a serious listen to *Force Majeure* should prove that Doro is not to be taken at face value. ●

UNDERWORLD

by LOU STATHIS



BROUGHT TO LIGHT

A Graphic Docudrama



A wacky but interesting idea, this: a "graphic docudrama" (reality comic, to you) explicating the Iran-contra business and related "Secret Team" guns-drugs-money global mega-conspiracy, as posited by Washington, DC public-interest law firm the Christic Institute.

Based around a lawsuit brought by the Institute on behalf of Tony Avirgan and Martha Honey (two American journalists working in Costa Rica, the former of whom was injured in an assassination attempt on anti-CIA contra Eden Pastora in 1984), this book gives us two back-to-back fact-filled visual narratives of corrupt, constitution-subverting activities orchestrated and implemented, they claim, by a vast conspiracy of US government officials, past and present CIA operatives, and gangsters of all sorts.

The problems I have with *Brought to Light: 30 Years of Drug Smuggling, Arms Deals and Covert Operations that Robbed America and Betrayed the Constitution* (Eclipse Books) reflect the ones I have with the whole Christic corruption-interlock view of reality. Conspiracy-prone as I am, I just can't quite buy the tidiness of their whole

package, which blames almost every foul covert-action deed of the last quarter-century on this rogue North-Secord-Clines-Shackley-Wilson-etc. team of false-patriot toads. It's certainly a compelling scenario, and I have no doubt most of it's true—but it just gets too byzantine and omnipresent for me to swallow whole. Consequently, in writer Joyce Brabner and artist Tom Yeates' "Flashpoint—The La Penca Bombing" (the aforementioned botched Pastora rub-out that nearly killed Avirgan), we are presented with a dizzying, too-complicated, multi-charactered story that is pretty impenetrable if you don't already know the players. (I was mighty glad I'd seen "Murder on the Rio San Juan," broadcast last year on the PBS *Frontline* series—a simultaneous reading of Leslie Cockburn's 1987 *Out of Control* will definitely help if you weren't so lucky.)

Over on the flipside, writer Alan (Watchmen) Moore and artist Bill (Stray Toasters) Sienkiewicz's "Shadowplay—The Secret Team" is even more byzantine, but saved by superior storytelling (less docudramatic, more interpretive), even if the prose does run

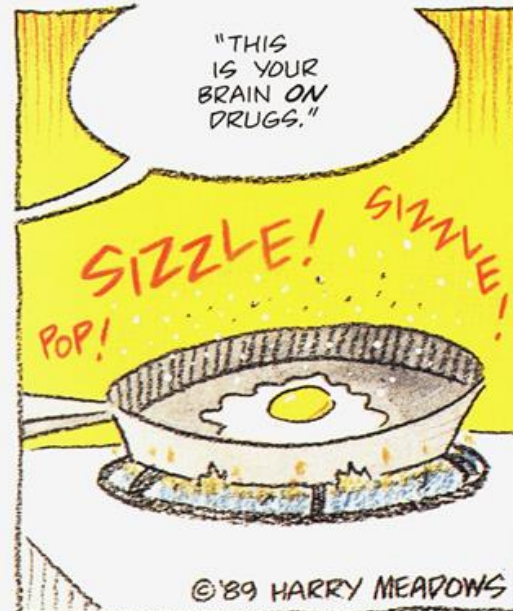
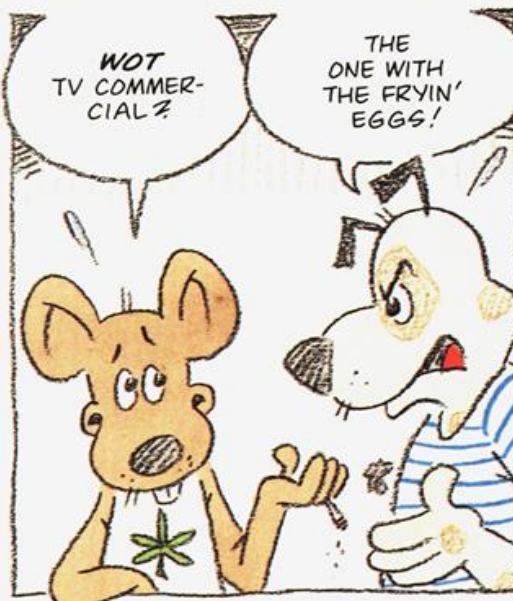
dangerously purple. Thanks to Moore's biting sarcasm and Sienkiewicz's visual free-associations, "Shadowplay" justifies its presentation in comic form—information is conveyed in graphic shorthand, concisely and powerfully, and slyly commented upon in densely-layered visual punning. Contained here are some of the best usages of the comic medium for propaganda purposes I've ever seen: The corrupted American spirit, personified by an obnoxious eagle-headed barfly, drunkenly informs us that he's a "country-hound" who "like(s) 'em hot and wet," and "gave Laos a screwin' she'll never forget. . . ." Then he proceeds to rip his hand off his arm and watch it crawl across the bar, disclaiming any culpability for its actions before he slaps it back up his sleeve—"If it gets caught in somebody's pocket, or 'round somebody's throat, I can't be held responsible! Ain't it a peach?" Yeah, and ain't it a great illustration of that "off-the-shelf, stand-alone, self-financing, private covert operations Enterprise" envisioned by Ollie North and Bill Casey? There's a lot here that's that good.

Interesting side-note: this book was originally supposed to be co-published by Warner Books, but the bigshot weasels punked out when implicated principals like Secord and Hull started suing anyone doing any finger-pointing. (Hull has since been pinched in Costa Rica for the activities depicted here, and Ollie North's circus/tug-of-war show-trial has begun in Washington.) So you should buy this book if for no other reason than to help tiny incorrigible Eclipse defray the no-doubt massive legal fees that'll rack up when their butts get dragged into court. Wacky subversive shit like this *needs* to be published, and publishers can only be encouraged to do so by one thing: the long green.

And as for the Christic Institute's suit: it was thrown out of court by a cranky judge last June (he said no conclusive evidence for a conspiracy was presented—but even a skeptic such as myself knows this is horseshit). It's currently up for appeal in US Circuit Court in Atlanta.

(*Brought To Light* should be available in most comic shops and/or bookstores—if it ain't, demand they order it—or get it direct from Eclipse at Box 1099, Forestville, CA 95436.) ●

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HOW DID YOU LIKE IT?

IT WAS VERY TASTY, PHINEAS! THERE'S JUST ONE THING.....

WELL, IT SEEMED LIKE A LOT OF FOOD, BUT FOR SOME REASON IT WASN'T VERY FILLING! I FEEL AS IF I COULD EAT A LOT MORE!

ME TOO!

MAYBE THAT'S BECAUSE OF THOSE GIANT MEXICAN MARIJUANA LEAVES I PUT IN THE SALAD! OR IT COULD HAVE BEEN THE KILLER KENYAN GRASS I USED TO BREW THE TEA! OR ELSE THE CALIFORNIA SINSEMILLA I USED AS A GARNISH ON THE SIRLOIN STEAKS!

... OR MAYBE IT WAS THE MOROCCAN HASH I USED TO MAKE THE HASH-BROWN POTATOES, OR PERHAPS THE NEPALESE TEMPLE BALLS ON THE PASTRY, OR...

WELL, NO WONDER WE'RE STILL HUNGRY!

UH... UHH... TWEET TWEET

WHAT ARE WE SITTING HERE FOR?

FLAP FLAP FLAP

BURGER TROUGH

SOUNDS GREAT! THREE CHEESEBURGERS FOR ME, TOO!!

THREE CHEESEBURGERS, AND MAKE IT SNAPPY!

YEAH! THREE FOR ME, TOO!!!

PSYCHOTRONIC

by MICHAEL J. WELDON



Some of you will remember a magazine called *Trouser Press* that covered pop music (mostly British) in the '70s, had to face the onslaught of punk in '77, and lasted until '84. In 1982, editor Ira Robbins compiled the *The Trouser Press Record Guide* to catalogue what was called, at the time, new wave music. Since then, new wave, an industry catch-all term, has outlived its usefulness. It's pretty funny to see some out-of-it record stores that still have big, confused, new wave sections. Meanwhile, Robbins' book has grown to a giant, 658 page third edition, published this year by Collier Press. It has sections on groups and artists who recorded in the '70s and '80s plus earlier ones that are considered influential. There are a lot of opinionated mini-reviews here and complete LP discographies including EP, CD, and

cassette-only releases.

Reading through this informative guide, some band-names stand out. Lots of them were taken from psychotronic movies or TV shows. Some of them are from characters in psychotronic movies. Some of these groups are obscure, forgotten, and/or experimental. Others are overplayed megabuck hitmakers. Most of them have stupid haircuts. I haven't even included any of the many generic horror name groups like The Dead Boys, Fiends, Live Skull, The Count, or Bad Brains. Here's where some of the names most likely came from—

Alphaville—German group. Name from '65 French Godard classic.

The Avengers—Excellent SF punk group. From classic '60s UK spy series.

Bizarros—Akron group. From alternative world characters in *Superman* comics.



Inspiration for two psychotronic band names: the Dalek (top, center) and a scene from *D.O.A.* (below).



Buddy Love—Long Island pop group. From Jerry Lewis' alter ego in *The Nutty Professor*.

Creepers—Brit band with ex-Fall members. From the '48 horror movie (or see *Huxton Creepers*).

Dalek I and The Mekons—Two Brit bands with names from the long running *Dr. Who* series.

Destroy All Monsters—Detroit self-destruct psycho-punk. From all-star Japanese Godzilla movie.

D.O.A.—Vancouver punks. From classic American '40s film-noir, which was remade recently.

Duran Duran—Overexposed Brit popstars. Their name was a character in the French Jane Fonda hit *Barbarella*.

Flesheaters—California group. From amazing '64 horror movie filmed over Long Island.

Heaven 17—Brit electro-funk. From a fictitious futuristic LP cover seen in a record store in *A Clockwork Orange*.

The Honeymoon Killers—NYC noise rock. From classic 1970 documentary style film.

House of Freaks—Two-man band from Virginia. From dumb '73 Italian horror movie.

The Huxton Creepers—Australian band. The character played by Rondo Hatton in the Sherlock Holmes film *The Pearl of Death*.

The Illustrated Man—Short lived Brit group. From book or movie by Ray Bradbury.

The Invaders—At least three bands have this name. From American '60s TV series.

Men They Couldn't Hang—Brit group. From 1939 Boris Karloff movie.

The Meteors—Rock 'n' roll from the UK. From big budget A.I.P. disaster movie flop from '79.

The Mutants—Several bands have used this name. From '82 gross-out science fiction hit produced by Roger Corman.

Piranhas—Brit group. From Joe Dante's '78 hit.

Plan 9—Psychedelic rock from Rhode Island, from Ed Wood Jr.'s incredible cult hit, *Plan Nine From Outer Space*.

Pretty Poison—Jersey band. From '68 Tuesday Weld/Anthony Perkins psycho movie.

Pussy Galore—NYC noise. Honor Blackman's character in *Goldfinger*.

Tell Tale Hearts—San Diego group. From the Poe story.

Triffids—Australian band. From '63 British hit, *Day of the Triffids*.

10,000 Maniacs—Upstate New York hitmakers. From the groundbreaking '64 H.G. Lewis gore movie, *2,000 Maniacs*.

The Undead—More Brits. From '56 Corman movie about reincarnated witches.

Vice Squad—UK punks. From violent 1982 killer pimp movie.

Zantees—NYC based rock and roll. From one of the best episodes of *The Outer Limits* series, *The Zantee Misfits*.

You can probably think of more examples yourself. Some of you are even in bands with psychotronic names. Hope your next album goes at least platinum. ●

RASTA RECIPES

by CHEF RA



It's summertime, the perfect opportunity to bust out of your mundane, everyday lifestyle! This summer everybody's gonna break the chains of emotional stress, bumper trips, burn belly, and all those chills and ills we pay the head doctor to cure. Don't let the negative forces that are lying low in this world blow your fucking high, mon! I'm going to show you to a seat on my psychedelic bus, so sit back and enjoy the ride. But you have to leave your emotional baggage at home. You have to concentrate on future experiences you are going to have with Ra on the road! I don't care if you're a service worker or the Big Boss Man, you've got to leave the "business as usual" back at home. Only then can you set the foundation for a happy adventure.



Take The Bus and Leave the Driving to Ra

There are many modes of transportation that you can use to make Ra's Summer on the Road party events. You can take the psychedelic bus (if there's room), fly the "Big Iron Bird" in the sky, take Amtrak, or if you're too poor and desperate to leave, go the old hippie way—hitchhike your way across America.

One year I needed to skip town really bad and I didn't have much cash, so I decided to hitchhike my ass out of town. The only major problem was that it happened to be winter and it was snowing like hell, but that didn't stop the Ra. I started across the country on I-80 toward sweet, organic California. I inched my way down I-80 picking up short rides here and there until I ended up about 100 miles east of Omaha, Nebraska... and that's where the adventure got wild!

It was getting dark and the snow was coming down hard. The wind started to blow real hard, causing the fringe on my jacket to blow parallel to the ground and my dreadlocks to freeze like fucking icicles. Needless to say, I was beginning to feel like a frozen chocolate bar. There were no cars on the road, and the highway was drifting away under the snow. I said to myself, "Ra, are you gonna be dead black meat in this all-white world? How could I die here in a fucking snowstorm in contemporary times?" I mean, I could see dying out there in the old pioneer wagon train days, falling face down on some snowdrift, but not on I-80 in the 20th Century.

But lo and behold, I see a car's

headlights in the distance coming toward me and I got all my toes crossed that the dude will stop and pick my dead ass up. The car gets closer and I notice it slowing down on the ice laden road. Shit, as the car got closer it went into a fishtail slide right in front of me. The car comes to a stop and I jump into the ride. Two guys and a woman welcome me and inform me that I'm lucky to be alive out in this shit (thank you!). So off we went down the road, and before I could untaw one dude reaches back to me and offers me a big brown bag. I look down into it and the bag is full of about 100 different pharmaceuticals of every color and shape. The local hospital ain't got a drug collection like this dude and he says, "Take a handful, Ra! We got more where that came from!" So, not being into pills, Ra asks "Got any joints rolled?" They all replied "Is the Pope in Rome?" Then they pass me a quarter-pound bag of Skunk weed! After smokin' a few fat ones the ride took on a surreal mood.

As we pulled into Omaha, we were feelin' fine. They asked me if I had a place to stay for the night. I said no, so they offered me a crash pad. As we walked into their crib, I noticed it was as cold as it was outside—a few dudes were watching TV with blankets covering themselves. I was introduced to the house, then they all jumped up and split in a hurry, leaving me behind to make myself at home. I was sitting watching TV by myself for about an hour when one of the folks burst into the crib at top speed, out of breath, saying "We just burned some airmen for \$1,000! We sold

them a pound of hash that was really just a pound of pressed cowshit and now they're after us!"

I figured the scene out too late—I was in a house full of junkies and rip-offs and the airmen were circling the crib in a car ready to kill. Needless to say, Ra had to escape... and I did!

Try not to put yourselves in the same situation this summer when you go on the road. To help keep all my rock 'n' roll gypsies out of trouble, I've compiled a festival list of where you can party this summer no matter what mode of transportation you take.

- 1) Turtle Race Festival—Danville, IL
First week in June
- 2) Chicago Blues Festival—Grant Park, Chicago
First week in June
- 3) Grateful Dead Summer Tour—Alpine Valley, WI
Late July
- 4) Chef Ra's First Annual Catfish Rodeo—Montebello State Mississippi River Park, Hamilton, IL

Chef Ra's Funky Summer Bar-B-Q

Chef Ra wants everybody to relax and get into some serious yard partying this summer. Clear a path through the ganja plants you've got in your backyard and make way for the grill. Summer barbeques can create smoke screens for neighbors who don't dig ganja smoking. Nobody's gonna smell dope over the sweet smells of Chef Ra's exotic sate a la Ra. Vegetables and whatever meat, fish, or fowl you want can be adapted to this cooking technique. This style of cooking is Indonesian, and after you taste the Sate with Chef Ra Puna Butter you'll be an instant fan. Chef Ra's sate turns the everyday tofu-dog into a dog that'll knock you out of the ballpark! ●

Sate a la Ra

- 1 bottle of soy sauce
- 4 clove of fresh garlic
- 1/2 cup of red sherry
- 1/2 tablespoon coriander
- 1/2 tablespoon ginger
- 1/4 cup of brown sugar
- 1 bag of hickory wood (soaked in water)
- 1 pack of bamboo sticks
- 1 cup of butter
- 1/4 oz of fine sinsi

Take the soy, garlic, red sherry, coriander, ginger, and brown sugar and mix together in deep pan. Soak bamboo sticks in water overnight. Cut up your tofu (or whatever) into small pieces. Marinate in mixture overnight.

Take sinsi and butter and heat for 10 minutes in a double boiler. After the pot and butter are slowly heated, take the barbeque pieces and put them on the bamboo sticks. Heat up the grill and then add soaked hickory chips to the hot coals. Take sate bamboo sticks and place on fire, then put cover on grill to allow the hickory smoke to flavor the sticks. When sticks are nearly done, brush them with Chef Ra's Puna Butter. That old summertime barbeque will never be the same! So get on the stick!

HOUND'S EYE

by JAMES MARSHALL



There is nothing more pleasing to a rock 'n' roll fan like myself than holding a stack of old 45s and gazing upon their labels—blue & silver Chess, the mystical beams of Sun, blue and white Ace—like artifacts from Pharaoh's tomb. Certain labels just let you know what you're holding is more than likely good stuff. In this day and age of mass nuthin', such labels are few and far between, but Norton (and its sister labels—Kramden, Mrs. Manicotti, and Atomic Passion) is such an entity.



JUDY MCGUIRE

Billy Miller.

Norton records is the brain spawn of Billy Miller and Miriam Linna, two totally fanatical (i.e. disturbed) rock 'n' roll fans who know that the real thing is the real thing and everything else is drivel. Miller and Linna started out by publishing *Kicks* magazine, (100+ pages of total r'n'r insanity, the latest issue of which features the in-depth story of the Bobby Fuller Four, a tragedy of Homeresque proportions and one of the greatest stories ever told). In addition, they put out *Bad Seed*, a digest-size fanzine which is the foremost publication on the subject of juvenile-crime fandom in the world today.

Branching out to conquer new worlds in that good ol' American tradition of mogulism, they translated their unique world-vision to vinyl. Their first LP release (or did it escape?), *Out To Hunch*, featured 16 vintage tracks from psychotic rockabilly one-man band Hasil Adkins, and brought Haze (as he's known to familiars) and Norton international acclaim. Haze's unique stylings have been covered in this column before, but suffice it to say he plays rock 'n' roll like my list of 10

worst things never happened. They (Norton, that is) also featured their star attraction on Haze's *House Party*, a 7-inch EP of more recent tunes recorded at Haze's West Virginia shack (the titles tell the story—"Sex Crazy Baby", "Do The Hotpants With Me", et al.), and an LP of newer modern recordings, *The Wild Man*, where Haze proves he hasn't lost his "hunch" as he stampedes through musical gems like "Chicken Flop" and "Punchy Wunchy Wickey Wackey Woo" with wild-eyed abandon and a keen sense of subtlety. By the time you read this another disc of vintage homemade rockers—*Rattle & Hunch*—will have penetrated the marketplace, spreading the hunch to new and stranger places.

Another label might see fit to sit on its tail after such a successful debut, but not Norton—they've unearthed further treasure for the demented with *Esquerita's Vintage Voola*, the earliest (and oiliest) known recordings from this late, great talent. Esquerita Miochi was the man who inspired Little Richard to stop acting like a sissy onstage and rock! He also taught Richard how to pound the piano in his two-fisted style and showed him the importance of having good hair. If you want wild, primitive, shrieking rock 'n' roll, this is for you.

Norton LP 204 uncovers the works of one Jack Starr, Dallas, Texas' own not-quite-favorite son. Obsessed by horror movies, unsafe sex, and magic, Jack Starr brought these elements to his '50s and '60s recordings in a manner that makes Hasil Adkins sound like a reasonable human being. His debut disc, *Born Petrified*, has one side of his '50s rockabilly trash—"Born Bad", "Rumble at Flagpole Hill", "Crazy Rock", etc., and another entire side of his more brutal '60s garage recordings for a listening experience I can hardly describe with only words as my humble tools.

Obscure these fellows might be, but Norton has even brought forth sounds by genuine chartmakers. The Rockin' R's, whose ascension up the Billboard charts in 1958 gave them national exposure with "The Beat", (an instrumental classic together with its wonderful flipside "Crazy Baby", revived in recent years by the Blasters). The Norton LP *Crazy Baby* culls their vintage 45s along with live

rehearsal and TV show material for a complete picture of an actual moronic teenage rock 'n' roll band of the late '50s trying to figure out what all this stuff was. Especially noteworthy are "Gonna Snatch Me A Satellite" (an overboard re-write of "Young Doves Callin'") and the twisted "Ron's Raunch."

In recent months Norton has devoted its time to recording modern rock 'n' roll bands who understand the stupidity, cretinism, and reverberation of great music. The A-Bones' *Free Beer For Life* is a six-song EP from the NYC quintet that features Norton execs Billy Miller (vocals) and Miriam Linna (drums/vocals), as well as guitar bruiser Bruce "Il Bruce" Bennett—A-Bones learn an entire new generation how to "Devil Dance" with rare style and grace. Their other discovery is The Untamed Youth, four teenagers from Columbia, Missouri for whom Cars, Girls, Surfin', and Beer are all life has to offer. Their debut disc, produced by C, G, S & B expert Adny Shernoff (ex-Dictators), serves up surf instrumentals and frat party pukers for, as the title says, *Some Kinda Fun*.

If that's not enough, and by christ it oughta be, by press time, three, yes three, entire LPs of vintage rare and unreleased Link Wray should be out, including such musical monstrosities as "Vendetta" and "Genocide". More? You want more? How about a full LP from the legendary kings of mid-west bowling lanes King Unsziwicz and the Unsziwicztones (undescribable), and great compilation LPs such as



Teenage Riot ('50s music to rumble by), *The Big Itch* (surf-and-frat garbage separated into "bird" and "turd" sides, with award-winning packaging), and *Diggin' Out* (amazingly rare and hot early '60s surf instrumentals). Also an EP by the Junior Wraymen, Link Wray's farm-team circa 1967. For more info and prices send for their catalog from Norton Records, Box 646, Cooper Station, New York, NY, 10003. Your life may never be the same. ●

THE TOP 100 NORMLTHON TOTAL SO FAR: \$3000!



1. Minnesota NORML
2. THE INN 7th St. CHARLOTTE N.C. 28204
3. OBERG JELLO JAM AT ECKERD COLLEGE (FEATURING A 30,000- POUND PILE OF GELATIN AND HUNDREDS OF CRAZED STUDENTS) MARCH 11, '89
4. JERRY ♥S NICOLE
5. LEGALIZE IT!!!
6. AIKU-ZU
7. LI OF MN. NORML
8. WOODSIDE WRECKING CREW
9. TRIPPIN' TO THE GRATEFUL DEAD
10. MINNESOTA GRASSROOTS PARTY- VOTE THE WAY YOU SMOKE! EST.
11. DUNGEON 1970
12. CHRIS + GREG'S THE ORIGINAL U.P.H. CHICAGO'S NORTHSIDE
13. GRATEFUL DEAD
14. NORML
15. BONG HITS
16. DAVE + OL'S CLUB BUD AT U. OF M.
17. FUCK CHRIS + GREG'S.. ULTIMATE PARTY HOUSE
18. ASKED (HIS COLUMN NEEDS TO BE LONGER)
19. "EAT US" - WE'LL ALWAYS BE ON THE TOP 100
20. BONG HITS AT UMASS
21. LSD BUDS
22. FAT SKUNK
23. AMERICA- SAVE A LIFE BOYCOTT COCAINE
24. I LOATHE THE GRATEFUL DEAD
25. Terry CA Tammy COLORADO
26. Metallica
27. WICKER WHILE YOU'RE SHROOMING (AT SC5U)
28. KILLER BONG HITS IN MY DORM ROOM IN McNULTY HALL AT JOHNSON AND WALES
29. THE BEVIS FROND
30. SPIRAL NYC PARTIES
31. PINK FLOYD
32. HEMP FOR VICTORY
33. PEACE
34. Bob Marley
35. PANT! SEX UH UH PANT! AAAH!
36. WAKEN BAKE
37. KIND
38. VOON - THE BIG CHEESE
39. GETTING HIGH AND WATCHING "ROSEANNE"
40. LARRY, DARYL AND DARYL
41. VERMONT GREEN BUD AT S.V.C.
42. THE BONG TWINS
43. MARRIED... WITH CHILDREN
44. My AxPx BxTx AMERICAN PIT BULL TERRIERS
45. LED ZEPPELIN
46. WHY DO THEY CALL IT DOPE?
47. Px STONERS BLAZE
48. GRAVITY BONGS
49. IN-N-OUT URGE
50. THE GREAT MINNESOTA TEA PARTY
51. NEIL YOUNG AND CRAZY HORSE
52. FUCK LONGMONT POLICE NARC SQUAD SEU
53. STEPPENWOLF
54. NORML=LEGAL HIGH TIMES
55. A FRIEND WITH WEED IS A FRIEND INDEED
56. HOME OF THE GRAPHICS - APT. 301
57. LICK BUSH
58. KISS THE SKY (JIMI HENDRIX)
59. HASH BASH '89
60. SAVE THE OZONE- LEGALIZE POT!
61. 3M-TA3 (LOOK AT IT IN A MIRROR)
62. SYD BARRETT
63. DRIVING THE SKIN BUS INTO TUNA TOWN
64. JAMES MARSHALL IS AN ASS!
65. KELLY BUNDY'S BODY
66. SAY "NO" TO BUDWEISER- FOR ALL YOU DO, WE BURN THE BUDS YOU GREW
67. JIM MORRISON
68. KΔΦ STONED ALWAYS
69. WIFE SPANKING
70. PUTTING DOPE IN THE OREGANO JAR AT WORK
71. SINK BONGS
72. DON HO TINY BUBBLES
73. SUNNYSIDE ROCKS - WOODSIDE IS DEAD
74. USS HOOCHUM E. LANSING, MI
75. I SERIOUSLY DON'T GET HIGH ON POT ANYMORE BUT HAVE BEEN GOING TO MADISON, WISC. FOR THREE YEARS IN A ROW. I BELIEVE IN YOUR RIGHT TO DO WHAT YOU WANT (TO AN EXTENT).
76. SAY NO TO DORITOS
77. ♡ + BONG HITS
78. THE SLUTZ
79. HASH
80. SLEEP (EXPERIENCE)
81. JOE FRANKLIN? getting stupid
82. THE FEMALE ORGASM
83. THAT'S THE KICKER!!!
84. SPIKING BILL BENNETT'S CIGARETTES WITH DMT
85. SLAYER
86. DOING RIPS AT KENT STATE
87. WAZZU BUDS
88. REFUSE+RESIST
89. INDICA... THE CHOICE OF A NEW GENERATION
90. SAY NO TO TELEVISION
91. JEFF LOVES LESLIE
92. GET ME HIGH!
93. HUGE BELL BOTTOMS
94. FLIGHT 157 TO JAMAICA
95. KIX
96. THE GRATEFUL DEAD COMPUTER BULLETIN BOARD SERVICE
97. GLOWING CLOSETS
98. JAMMING YOUR OWN MUSIC WITH YOUR FRIENDS WHILE HIGH
99. FREE JAMES BROWN
- 100.

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#2
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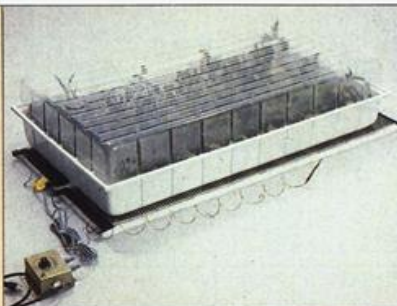
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12" x 3' Slab	9.50
45lb Repellent Bale	28.50
35lb Absorbant Bale	22.00
55lb Absorbant Bale	49.00
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4' x 25' Mylar	17.95
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*(Benching, Pump, Timer & Reservoir purchased separately)

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**AS SEEN ON THE BBC'S
TOMORROW'S WORLD**

Hello, my name is Jeffery DeMarco, president and founder of Pyraponic Industries. My master's thesis concerned the cannaboid profile of marijuana. The knowledge gained through this research and experimentation can now be applied to the growing of any herbaceous plant from mint and basil, to roses and tobacco. In pursuit of this master's thesis, I first had to generate the world's most extensive, nonacademic library on the subject. Second, I assembled the most extensive, scientific bibliography ever created. Then, I went into the laboratory at a major university while under federal license, and designed the most sophisticated laboratory grade growing chamber in the world called the PHOTOTRON and the methodology "Growing Plants Pyraponimetrically". The Phototron is not presented to the public as a piece of paraphernalia intended for the unlawful production of marijuana. The system was designed to grow any plant. The private cultivation of marijuana has been illegal under numerous state and federal laws since 1936. Marijuana can only be grown legally with a federal license. I worked under such a license at the time I was engaged in my research. Pyraponic Industries will never knowingly sell products to anyone expressing the intent to produce illicit substances. If you were to research indoor plant growing techniques, as I did, a similarity soon becomes apparent. Every system before the Phototron has attempted to duplicate a tropical climate, such as Hawaii's, in a confined area. I suggest that when you finally achieve the re-creation of Hawaii, you can do no better than Hawaii's results. In fact you will grow the plant six (6) to nine (9) months with an average six (6) inch internodal length, (the distance between fruiting sites). That will produce a fruiting ratio at the tops of the plant equal to only ten percent (10%). Ninety percent (90%) of the plant material is unusable and the plants are killed off after harvest in preparation for planting the next crop. Number one, the only thing I am waiting nine (9) months for is a baby. Number two, I don't want a tree growing in my home. Number three, I am not going to pay the electric bill to artificially reproduce the sun. That is why I made my system so revolutionary. The Phototron measures only 36 inches



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tall by 18 inches wide. Its potential is deceptively masked by the simplicity of functional design and compact size. On average, the Phototron draws only \$4.00 per month in electricity. I guarantee you will grow six (6) plants, three (3) feet tall in forty-five (45) days, while maintaining a one (1) inch internodal length. I guarantee that in your Phototron each of your six plants will produce over one thousand (1000) fruiting sites from top to bottom. Mine is the only system in the world which will allow you to reflower and refruit from the same plants every forty-five (45) days. You will remove from the system everyday. Beginning on DAY 20 after seed germination an average of six (6) to eight (8) ounces of plant material, such as tobacco can be harvested every forty-five days. Please, do not allow the technical sounding nature of the Phototron to scare you away. I personally service back and guarantee each unit sold. The instructions are clear and simple; the system comes to you complete. All you must do is select your seeds, plug in the system and water it routinely. Then, if you have any questions, you may call me directly. Ask your question. Get your answer. You can not fail with my Phototron. I do not allow any of my Phototrons to fail below showcase. I personally have guaranteed every Phototron ever sold and I have never had one returned, ever, and I'm not starting now. Call me at 1-619-451-BUDS. If you do not learn more about plant production than you have ever learned before, I will pay you for the call. Can you afford not to call? Jeffery Julian DeMarco

PHOTOTRON		NONE	12	YES	YES	YES	YES	YES	YES	YES	YES
HALIDE SYSTEMS		50%	1	NO	NO	NO	NO	NO	NO	NO	NO
LIGHT	LEAF SHADINGS										
	LINEAR FEET OF LIGHT										
NUTRIENTS	SPECTRUM ADJUSTABILITY										
	COMPUTER DESIGNED FOR EACH SYSTEM										
CO.	GUARANTEE FEMALE SEX										
	NEVER KILLS THE PLANTS										
SERVICE	ONE-INCH INTERNODAL LENGTHS - 1' 00" BRIDGING SITES PER PLANT										
	BE FLOATED AND BE BUD SAME PLANTS EXPERT 14 DAYS UP TO 6 TIMES PER YEAR										
TOTALS SELF SUFFICIENT TO LEAF SATURATION											
SERVICE HOT LINE FOR QUESTIONS											

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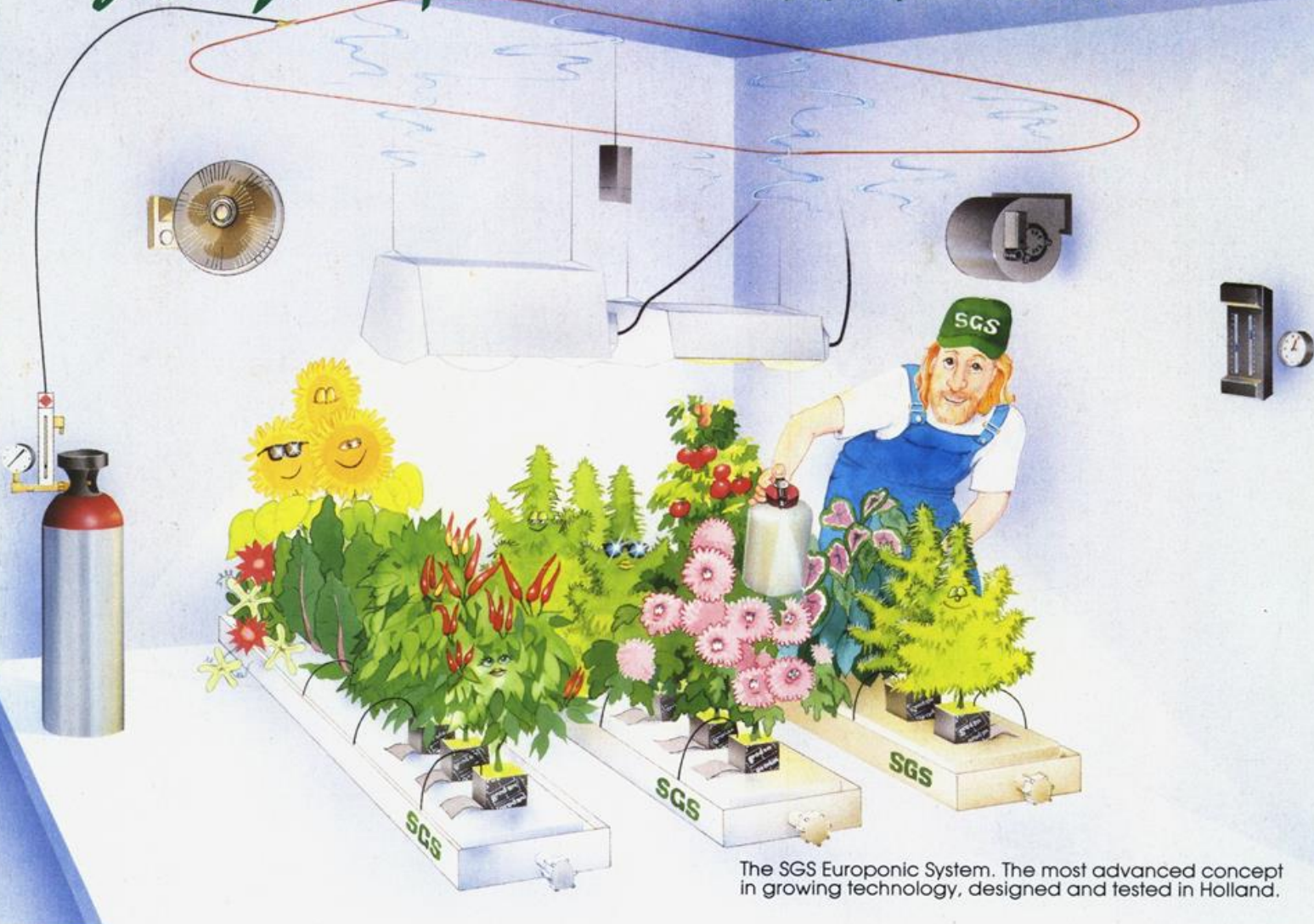
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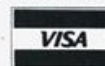
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